

Sample Number: 506353
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1235
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/9/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Total		1050	MG/L	07/28/11	200.7	
Arsenic, Total	<	10.0	UG/L	07/29/11	200.7	
Barium, Total		167	UG/L	07/29/11	200.7	
Beryllium, Total	<	2.00	UG/L	07/29/11	200.7	
Cadmium, Total	<	5.00	UG/L	07/29/11	200.7	
Chromium, Total	<	5.00	UG/L	07/29/11	200.7	
Copper, Total	<	5.00	UG/L	07/29/11	200.7	
Lead, Total	<	10.0	UG/L	07/29/11	200.7	
Thallium, Total	<	10.0	UG/L	07/29/11	200.7	
Nickel, Total	<	10.0	UG/L	07/29/11	200.7	
Silver, Total	<	5.00	UG/L	07/29/11	200.7	
Strontium, Total		4000	UG/L	07/29/11	200.7	
Zinc, Total	<	5.00	UG/L	07/29/11	200.7	
Antimony, Total	<	10.0	UG/L	07/29/11	200.7	
Selenium, Total	<	10.0	UG/L	07/29/11	200.7	
Uranium, Total		3.70	UG/L	07/29/11	200.8	
Mercury, Total	<	0.05	UG/L	07/14/11	7470	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SAMPLE# 3(ODWC SITE # 20)

ANALYST'S COMMENTS:

*

* ANALYST



Sample Number: 506353
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1235
Date Received: 7/11/2011
Date Completed: 07/15/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/15/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
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EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Specific Conductance		6820	uMHO/CM	07/14/11	2510B	
pH, Liquid		7.93	STD UNIT	07/14/11	150.1	
Alkalinity, Total		98.0	MG/L	07/13/11	310.2	
Solids, Total Dissolved		4150	MG/L	07/11/11	2540C	
Nitrogen, Ammonia	<	0.10	MG/L	07/11/11	350.1	
Nitrogen, Kjeldahl		1.55	MG/L	07/13/11	351.2	
Nitrite-Nitrate as N	<	0.05	MG/L	07/12/11	353.2	
Phosphorus, Total		0.138	MG/L	07/14/11	365.3	
Cyanide	<	0.01	MG/L	07/12/11	335.4	
Chloride		1780	MG/L	07/11/11	325.2	
Sulfate		991	MG/L	07/11/11	375.4	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SAMPLE# 3(ODWC SITE # 20)

ANALYST'S COMMENTS:

Sara Mensik

* ANALYST

Sara Mensik

State Environmental Laboratory

Sample Number: 506353
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1235
Date Received: 7/11/2011
Date Completed: 10/10/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 10/10/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
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Sample Receiving: (405) 702-1113
Report of Analysis by Radio Chemistry
EPA Drinking Water Certification #OK00013

To: CHRIS ARMSTRONG/CSD

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
GROSS BETA		22.59	pCi/L	07/19/11	7110B	
GROSS BETA COUNTING ERROR		5.900	pCi/L	07/19/11	7110B	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SAMPLE# 3(ODWC SITE # 20)

ANALYST'S COMMENTS:

Greg Goode

* ANALYST

Greg Goode
State Environmental Laboratory

Sample Number: 506354
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1337
Date Received: 7/11/2011
Date Completed: 07/15/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/15/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Specific Conductance		6770	uMHO/CM	07/14/11	2510B	
pH, Liquid		7.92	STD UNIT	07/14/11	150.1	
Alkalinity, Total		98.9	MG/L	07/13/11	310.2	
Solids, Total Dissolved		4090	MG/L	07/11/11	2540C	
Nitrogen, Ammonia	<	0.10	MG/L	07/11/11	350.1	
Nitrogen, Kjeldahl		1.74	MG/L	07/13/11	351.2	
Nitrite-Nitrate as N	<	0.05	MG/L	07/12/11	353.2	
Phosphorus, Total		0.138	MG/L	07/14/11	365.3	
Cyanide	<	0.01	MG/L	07/12/11	335.4	
Chloride		1780	MG/L	07/11/11	325.2	
Sulfate		997	MG/L	07/11/11	375.4	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SAMPLE# 4(ODWC # 15)

ANALYST'S COMMENTS:

Susan Mensik

* ANALYST

Susan Mensik
State Environmental Laboratory

Sample Number: 506354
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1337
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/12/2011

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EPA Drinking Water Certification #OK00013

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DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Total		1050	MG/L	08/12/11	200.7	
Arsenic, Total	<	10.0	UG/L	08/12/11	200.7	
Barium, Total		190	UG/L	08/12/11	200.7	
Beryllium, Total	<	2.00	UG/L	08/12/11	200.7	
Cadmium, Total	<	5.00	UG/L	08/12/11	200.7	
Chromium, Total	<	5.00	UG/L	08/12/11	200.7	
Copper, Total	<	5.00	UG/L	08/12/11	200.7	
Lead, Total	<	10.0	UG/L	08/12/11	200.7	
Thallium, Total	<	10.0	UG/L	08/12/11	200.7	
Nickel, Total	<	10.0	UG/L	08/12/11	200.7	
Silver, Total	<	5.00	UG/L	08/12/11	200.7	
Strontium, Total		3900	UG/L	08/12/11	200.7	
Zinc, Total	<	5.00	UG/L	08/12/11	200.7	
Antimony, Total	<	10.0	UG/L	08/12/11	200.7	
Selenium, Total	<	10.0	UG/L	08/12/11	200.7	
Uranium, Total		3.60	UG/L	07/29/11	200.8	
Mercury, Total	<	0.05	UG/L	07/14/11	7470	

Summary

Labs performing analysis on this Sample:

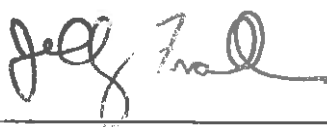
Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SAMPLE# 4(ODWC # 15)

ANALYST'S COMMENTS:

* ANALYST 

Sample Number: 506354
Project Code: CMP-FK
Agency Number:
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Date Completed: 10/10/2011
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Report Date: 10/10/2011

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CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
GROSS BETA		22.18	pCi/L	07/19/11	7110B	
GROSS BETA COUNTING ERROR		5.518	pCi/L	07/19/11	7110B	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SAMPLE# 4 (ODWC # 15)

ANALYST'S COMMENTS:

*

* ANALYST

Greg Goode

Greg Goode
State Environmental Laboratory

Sample Number: 506355
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/9/2011
 Time Collected: 1132
 Date Received: 7/11/2011
 Date Completed: 07/29/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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707 N. ROBINSON
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Report of Analysis by GCMS
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To: BRIAN MAGOTT/CSD
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 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		38.4				
Acenaphthylene	<	380	UG/KG	07/21/11	8270DM	
Acenaphthene	<	380	UG/KG	07/21/11	8270DM	
Anthracene	<	380	UG/KG	07/21/11	8270DM	
Benzo(b)fluoranthene	<	380	UG/KG	07/21/11	8270DM	
Benzo(k)fluoranthene	<	380	UG/KG	07/21/11	8270DM	
Benzo(a)pyrene	<	380	UG/KG	07/21/11	8270DM	
Bis(2-chloroethyl)ether	<	380	UG/KG	07/21/11	8270DM	
Bis(2-chloroethoxy)methane	<	380	UG/KG	07/21/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	380	UG/KG	07/21/11	8270DM	
Butylbenzylphthalate	<	380	UG/KG	07/21/11	8270DM	
Chrysene	<	380	UG/KG	07/21/11	8270DM	
Diethylphthalate	<	380	UG/KG	07/21/11	8270DM	
Dimethylphthalate	<	380	UG/KG	07/21/11	8270DM	
Fluoranthene	<	380	UG/KG	07/21/11	8270DM	
Fluorene	<	380	UG/KG	07/21/11	8270DM	
Hexachlorocyclopentadiene	<	380	UG/KG	07/21/11	8270DM	
Hexachloroethane	<	380	UG/KG	07/21/11	8270DM	
Indeno(123cd)pyrene	<	380	UG/KG	07/21/11	8270DM	
Isophorone	<	380	UG/KG	07/21/11	8270DM	
Nitrosodipropylamine	<	380	UG/KG	07/21/11	8270DM	
Nitrosodiphenylamine	<	380	UG/KG	07/21/11	8270DM	
Naphthalene	<	380	UG/KG	07/21/11	8270DM	
Nitrobenzene	<	380	UG/KG	07/21/11	8270DM	
p-Chloro-m-cresol	<	380	UG/KG	07/21/11	8270DM	
Phenanthrene	<	380	UG/KG	07/21/11	8270DM	
Pyrene	<	380	UG/KG	07/21/11	8270DM	
Benzo(ghi)perylene	<	380	UG/KG	07/21/11	8270DM	
Benzo(a)anthracene	<	380	UG/KG	07/21/11	8270DM	
Dibenzo(ah)anthracene	<	380	UG/KG	07/21/11	8270DM	
2-Chloronaphthalene	<	380	UG/KG	07/21/11	8270DM	
2-Chlorophenol	<	380	UG/KG	07/21/11	8270DM	
2-Nitrophenol	<	380	UG/KG	07/21/11	8270DM	

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 Report Date: 8/3/2011

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 BUCK WRAY/ODWC

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Di-n-octylphthalate	<	380	UG/KG	07/21/11	8270DM	
2,4-Dichlorophenol	<	380	UG/KG	07/21/11	8270DM	
2,4-Dimethylphenol	<	380	UG/KG	07/21/11	8270DM	
2,4-Dinitrotoluene	<	380	UG/KG	07/21/11	8270DM	
2,4-Dinitrophenol	<	1900	UG/KG	07/21/11	8270DM	
2,4,6-Trichlorophenol	<	1900	UG/KG	07/21/11	8270DM	
2,6-Dinitrotoluene	<	380	UG/KG	07/21/11	8270DM	
3,3'-Dichlorobenzidine	<	770	UG/KG	07/21/11	8270DM	
4-Bromophenylphenyl ether	<	380	UG/KG	07/21/11	8270DM	
4-Chlorophenyl phenylether	<	380	UG/KG	07/21/11	8270DM	
4-Nitrophenol	<	1900	UG/KG	07/21/11	8270DM	
4,6-Dinitro-o-cresol	<	1900	UG/KG	07/21/11	8270DM	
Phenol	<	380	UG/KG	07/21/11	8270DM	
Pentachlorophenol	<	1900	UG/KG	07/21/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	380	UG/KG	07/21/11	8270DM	
Di-n-butylphthalate	<	380	UG/KG	07/21/11	8270DM	
Hexachlorobenzene	<	380	UG/KG	07/21/11	8270DM	
Hexachlorobutadiene	<	380	UG/KG	07/21/11	8270DM	
Dibenzofuran	<	380	UG/KG	07/21/11	8270DM	
2-Methylphenol	<	380	UG/KG	07/21/11	8270DM	
4-Methylphenol	<	380	UG/KG	07/21/11	8270DM	
2,4,5-Trichlorophenol	<	1900	UG/KG	07/21/11	8270DM	
4-Chloroaniline	<	380	UG/KG	07/21/11	8270DM	
2-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
3-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
4-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
2-Methylnaphthalene	<	380	UG/KG	07/21/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2,4,6-TRIBROMOPHENOL		89
NITROBENZENE-D5		73
P-TERPHENYL-D14		104
2-FLUOROPHENOL		67

Sample Number: 506355
Project Code: CMP-EK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1132
Date Received: 7/11/2011
Date Completed: 07/29/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/3/2011

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BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		76
2-FLUOROBIPHENYL		74

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
(MJ) Cyclic octaatomic sulfur		260	µg/kg

Summary

Labs performing analysis on this Sample:

Metals GCMS Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 1

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the MDL and reported at the request of the customer

* ANALYST

Cassandra Kontas

Sample Number: 506355
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1132
Date Received: 7/11/2011
Date Completed: 07/15/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

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To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
pH, Soil and Wastes	NMC	7.96	STD UNIT	07/15/11	9045D	
Alkalinity, Total (Sed.)	NMC	244	MG/KG	07/13/11	DEQ	
Nitrogen, Ammonia (Sed.)	<	2.00	MG/KG	07/12/11	DEQ	
Nitrogen, Kjeldahl (Sed.)		25.7	MG/KG	07/13/11	351.2	
Nitrate-Nitrite (Sed.)	<	1.00	MG/KG	07/12/11	353.2M	
Phosphorous, Total (Sed.)		7.87	MG/KG	07/14/11	365.3	
Cyanide (Sed.)	ND		MG/KG	07/12/11	335.4M	
Chloride (Sed.)		301	MG/KG	07/12/11	325.2M	
Sulfate (Sed.)		646	MG/KG	07/12/11	375.4M	

Summary

Labs performing analysis on this Sample:

Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 1

ANALYST'S COMMENTS:

(ND) None detected

(NMC) Analytical value is not moisture corrected

* ANALYST

Susan Mensik

Susan Mensik

State Environmental Laboratory

Sample Number: 506355
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1132
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BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Sediment	<	1.00	MG/KG	07/29/11	6010	
Arsenic, Sediment	<	10.0	MG/KG	07/29/11	6010	
Barium, Sediment		38.4	MG/KG	07/29/11	6010	
Beryllium, Sediment	<	2.00	MG/KG	07/29/11	6010	
Cadmium , Sediment	<	5.00	MG/KG	07/29/11	6010	
Chromium, Sediment	<	5.00	MG/KG	07/29/11	6010	
Copper, Sediment	<	5.00	MG/KG	07/29/11	6010	
Lead, Sediment	<	10.0	MG/KG	07/29/11	6010	
Nickel, Sediment	<	10.0	MG/KG	07/29/11	6010	
Silver, Sediment	<	5.00	MG/KG	07/29/11	6010	
Strontium, Sediment		16.9	MG/KG	07/29/11	6010	
Zinc, Sediment	<	5.00	MG/KG	07/29/11	6010	
Antimony, Sediment	<	10.0	MG/KG	07/29/11	6010	
Selenium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Uranium, Sediment	<	1.00	MG/KG	07/29/11	200.8	
Thallium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Mercury, Sediment	<	0.25	MG/KG	07/14/11	7471	
% Solids		81.8	%	07/14/11	CLP 5.4	

Summary

Labs performing analysis on this Sample:
Metals GCMS Gen. Chem.

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Facility:
Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

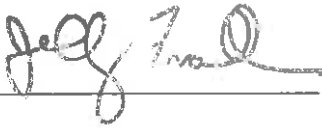
To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

SOURCE: RED RIVER

SAMPLERS COMMENTS:
SEDIMENT SAMPLE DEQ SITE # 1

ANALYST'S COMMENTS:

* ANALYST 

Sample Number: 506356
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/9/2011
 Time Collected: 1150
 Date Received: 7/11/2011
 Date Completed: 07/29/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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707 N. ROBINSON
OKLAHOMA CITY
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 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		38.3				
Acenaphthylene	<	380	UG/KG	07/21/11	8270DM	
Acenaphthene	<	380	UG/KG	07/21/11	8270DM	
Anthracene	<	380	UG/KG	07/21/11	8270DM	
Benzo(b)fluoranthene	<	380	UG/KG	07/21/11	8270DM	
Benzo(k)fluoranthene	<	380	UG/KG	07/21/11	8270DM	
Benzo(a)pyrene	<	380	UG/KG	07/21/11	8270DM	
Bis(2-chloroethyl)ether	<	380	UG/KG	07/21/11	8270DM	
Bis(2-chloroethoxy)methane	<	380	UG/KG	07/21/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	380	UG/KG	07/21/11	8270DM	
Butylbenzylphthalate	<	380	UG/KG	07/21/11	8270DM	
Chrysene	<	380	UG/KG	07/21/11	8270DM	
Diethylphthalate	<	380	UG/KG	07/21/11	8270DM	
Dimethylphthalate	<	380	UG/KG	07/21/11	8270DM	
Fluoranthene	<	380	UG/KG	07/21/11	8270DM	
Fluorene	<	380	UG/KG	07/21/11	8270DM	
Hexachlorocyclopentadiene	<	380	UG/KG	07/21/11	8270DM	
Hexachloroethane	<	380	UG/KG	07/21/11	8270DM	
Indeno(123cd)pyrene	<	380	UG/KG	07/21/11	8270DM	
Isophorone	<	380	UG/KG	07/21/11	8270DM	
Nitrosodipropylamine	<	380	UG/KG	07/21/11	8270DM	
Nitrosodiphenylamine	<	380	UG/KG	07/21/11	8270DM	
Naphthalene	<	380	UG/KG	07/21/11	8270DM	
Nitrobenzene	<	380	UG/KG	07/21/11	8270DM	
p-Chloro-m-cresol	<	380	UG/KG	07/21/11	8270DM	
Phenanthrene	<	380	UG/KG	07/21/11	8270DM	
Pyrene	<	380	UG/KG	07/21/11	8270DM	
Benzo(ghi)perylene	<	380	UG/KG	07/21/11	8270DM	
Benzo(a)anthracene	<	380	UG/KG	07/21/11	8270DM	
Dibenzo(ah)anthracene	<	380	UG/KG	07/21/11	8270DM	
2-Chloronaphthalene	<	380	UG/KG	07/21/11	8270DM	
2-Chlorophenol	<	380	UG/KG	07/21/11	8270DM	
2-Nitrophenol	<	380	UG/KG	07/21/11	8270DM	

Sample Number: 506356
 Project Code: CMP-FK
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To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Di-n-octylphthalate	MJ	380	UG/KG	07/21/11	8270DM	
2,4-Dichlorophenol	<	380	UG/KG	07/21/11	8270DM	
2,4-Dimethylphenol	<	380	UG/KG	07/21/11	8270DM	
2,4-Dinitrotoluene	<	380	UG/KG	07/21/11	8270DM	
2,4-Dinitrophenol	<	1900	UG/KG	07/21/11	8270DM	
2,4,6-Trichlorophenol	<	1900	UG/KG	07/21/11	8270DM	
2,6-Dinitrotoluene	<	380	UG/KG	07/21/11	8270DM	
3,3'-Dichlorobenzidine	<	770	UG/KG	07/21/11	8270DM	
4-Bromophenylphenyl ether	<	380	UG/KG	07/21/11	8270DM	
4-Chlorophenyl phenylether	<	380	UG/KG	07/21/11	8270DM	
4-Nitrophenol	<	1900	UG/KG	07/21/11	8270DM	
4,6-Dinitro-o-cresol	<	1900	UG/KG	07/21/11	8270DM	
Phenol	<	380	UG/KG	07/21/11	8270DM	
Pentachlorophenol	<	1900	UG/KG	07/21/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	380	UG/KG	07/21/11	8270DM	
Di-n-butylphthalate	<	380	UG/KG	07/21/11	8270DM	
Hexachlorobenzene	<	380	UG/KG	07/21/11	8270DM	
Hexachlorobutadiene	<	380	UG/KG	07/21/11	8270DM	
Dibenzofuran	<	380	UG/KG	07/21/11	8270DM	
2-Methylphenol	<	380	UG/KG	07/21/11	8270DM	
4-Methylphenol	<	380	UG/KG	07/21/11	8270DM	
2,4,5-Trichlorophenol	<	1900	UG/KG	07/21/11	8270DM	
4-Chloroaniline	<	380	UG/KG	07/21/11	8270DM	
2-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
3-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
4-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
2-Methylnaphthalene	<	380	UG/KG	07/21/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
P-TERPHENYL-D14		99
2-FLUOROPHENOL		75
NITROBENZENE-D5		84
2-FLUOROBIPHENYL		82

Sample Number: 506356
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1150
Date Received: 7/11/2011
Date Completed: 07/29/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
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Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		84
2, 4, 6-TRIBROMOPHENOL		89

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NU

Summary

Labs performing analysis on this Sample:

Metals GCMS Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 2 (ODWC SITE # 18)

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

(MJ) The associated value is an estimated quantity at or below the MDL and reported at the request of the customer

(NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis.

*

* ANALYST.

Cassandra Kontas

Sample Number: 506356
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1150
Date Received: 7/11/2011
Date Completed: 07/15/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by General Chem.
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
pH, Soil and Wastes	NMC	8.27	STD UNIT	07/15/11	9045D	
Alkalinity, Total (Sed.)	NMC	236	MG/KG	07/13/11	DEQ	
Nitrogen, Ammonia (Sed.)	<	2.00	MG/KG	07/12/11	DEQ	
Nitrogen, Kjeldahl (Sed.)	<	2.00	MG/KG	07/13/11	351.2	
Nitrate-Nitrite (Sed.)	<	1.00	MG/KG	07/12/11	353.2M	
Phosphorous, Total (Sed.)		0.77	MG/KG	07/14/11	365.3	
Cyanide (Sed.)	ND		MG/KG	07/12/11	335.4M	
Chloride (Sed.)		304	MG/KG	07/12/11	325.2M	
Sulfate (Sed.)		290	MG/KG	07/12/11	375.4M	

Summary

Labs performing analysis on this Sample:

Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 2 (ODWC SITE # 18)

ANALYST'S COMMENTS:

(ND) None detected

(NMC) Analytical value is not moisture corrected

* ANALYST

Susan Mensik

Susan Mensik

State Environmental Laboratory

Sample Number: 506356
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1150
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Sediment	<	1.00	MG/KG	07/29/11	6010	
Arsenic, Sediment	<	10.0	MG/KG	07/29/11	6010	
Barium, Sediment		37.0	MG/KG	07/29/11	6010	
Beryllium, Sediment	<	2.00	MG/KG	07/29/11	6010	
Cadmium , Sediment	<	5.00	MG/KG	07/29/11	6010	
Chromium, Sediment	<	5.00	MG/KG	07/29/11	6010	
Copper, Sediment	<	5.00	MG/KG	07/29/11	6010	
Lead, Sediment	<	10.0	MG/KG	07/29/11	6010	
Nickel, Sediment	<	10.0	MG/KG	07/29/11	6010	
Silver, Sediment	<	5.00	MG/KG	07/29/11	6010	
Strontium, Sediment		16.5	MG/KG	07/29/11	6010	
Zinc, Sediment	<	5.00	MG/KG	07/29/11	6010	
Antimony, Sediment	<	10.0	MG/KG	07/29/11	6010	
Selenium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Uranium, Sediment	<	1.00	MG/KG	07/29/11	200.8	
Thallium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Mercury, Sediment	<	0.25	MG/KG	07/14/11	7471	
% Solids		85.4	%	07/14/11	CLP 5.4	

Summary

Labs performing analysis on this Sample:

Metals GCMS Gen. Chem.

Sample Number: 506356
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1150
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
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Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

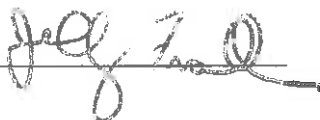
CC: CHRIS ARMSTRONG/CSD

SOURCE: RED RIVER

SAMPLERS COMMENTS:
SEDIMENT SAMPLE DEQ SITE # 2 (ODWC SITE # 18)

ANALYST'S COMMENTS:

* * ANALYST _____



Sample Number: 506357
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/9/2011
 Time Collected: 1249
 Date Received: 7/11/2011
 Date Completed: 07/29/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		38.5				
Acenaphthylene	<	390	UG/KG	07/21/11	8270DM	
Acenaphthene	<	390	UG/KG	07/21/11	8270DM	
Anthracene	<	390	UG/KG	07/21/11	8270DM	
Benzo(b)fluoranthene	<	390	UG/KG	07/21/11	8270DM	
Benzo(k)fluoranthene	<	390	UG/KG	07/21/11	8270DM	
Benzo(a)pyrene	<	390	UG/KG	07/21/11	8270DM	
Bis(2-chloroethyl)ether	<	390	UG/KG	07/21/11	8270DM	
Bis(2-chloroethoxy)methane	<	390	UG/KG	07/21/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	390	UG/KG	07/21/11	8270DM	
Butylbenzylphthalate	<	390	UG/KG	07/21/11	8270DM	
Chrysene	<	390	UG/KG	07/21/11	8270DM	
Diethylphthalate	<	390	UG/KG	07/21/11	8270DM	
Dimethylphthalate	<	390	UG/KG	07/21/11	8270DM	
Fluoranthene	<	390	UG/KG	07/21/11	8270DM	
Fluorene	<	390	UG/KG	07/21/11	8270DM	
Hexachlorocyclopentadiene	<	390	UG/KG	07/21/11	8270DM	
Hexachloroethane	<	390	UG/KG	07/21/11	8270DM	
Indeno(123cd)pyrene	<	390	UG/KG	07/21/11	8270DM	
Isophorone	<	390	UG/KG	07/21/11	8270DM	
Nitrosodipropylamine	<	390	UG/KG	07/21/11	8270DM	
Nitrosodiphenylamine	<	390	UG/KG	07/21/11	8270DM	
Naphthalene	<	390	UG/KG	07/21/11	8270DM	
Nitrobenzene	<	390	UG/KG	07/21/11	8270DM	
p-Chloro-m-cresol	<	390	UG/KG	07/21/11	8270DM	
Phenanthrene	<	390	UG/KG	07/21/11	8270DM	
Pyrene	<	390	UG/KG	07/21/11	8270DM	
Benzo(ghi)perylene	<	390	UG/KG	07/21/11	8270DM	
Benzo(a)anthracene	<	390	UG/KG	07/21/11	8270DM	
Dibenzo(ah)anthracene	<	390	UG/KG	07/21/11	8270DM	
2-Chloronaphthalene	<	390	UG/KG	07/21/11	8270DM	
2-Chlorophenol	<	390	UG/KG	07/21/11	8270DM	
2-Nitrophenol	<	390	UG/KG	07/21/11	8270DM	

Sample Number: 506357
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/9/2011
 Time Collected: 1249
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 Date Completed: 07/29/2011
 Collected By: BM
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 EPA Drinking Water Certification #OK00013

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 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Di-n-octylphthalate	MJ	350	UG/KG	07/21/11	8270DM	
2,4-Dichlorophenol	<	390	UG/KG	07/21/11	8270DM	
2,4-Dimethylphenol	<	390	UG/KG	07/21/11	8270DM	
2,4-Dinitrotoluene	<	390	UG/KG	07/21/11	8270DM	
2,4-Dinitrophenol	<	1900	UG/KG	07/21/11	8270DM	
2,4,6-Trichlorophenol	<	1900	UG/KG	07/21/11	8270DM	
2,6-Dinitrotoluene	<	390	UG/KG	07/21/11	8270DM	
3,3'-Dichlorobenzidine	<	770	UG/KG	07/21/11	8270DM	
4-Bromophenylphenyl ether	<	390	UG/KG	07/21/11	8270DM	
4-Chlorophenyl phenylether	<	390	UG/KG	07/21/11	8270DM	
4-Nitrophenol	<	1900	UG/KG	07/21/11	8270DM	
4,6-Dinitro-o-cresol	<	1900	UG/KG	07/21/11	8270DM	
Phenol	<	390	UG/KG	07/21/11	8270DM	
Pentachlorophenol	<	1900	UG/KG	07/21/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	390	UG/KG	07/21/11	8270DM	
Di-n-butylphthalate	<	390	UG/KG	07/21/11	8270DM	
Hexachlorobenzene	<	390	UG/KG	07/21/11	8270DM	
Hexachlorobutadiene	<	390	UG/KG	07/21/11	8270DM	
Dibenzofuran	<	390	UG/KG	07/21/11	8270DM	
2-Methylphenol	<	390	UG/KG	07/21/11	8270DM	
4-Methylphenol	<	390	UG/KG	07/21/11	8270DM	
2,4,5-Trichlorophenol	<	1900	UG/KG	07/21/11	8270DM	
4-Chloroaniline	<	390	UG/KG	07/21/11	8270DM	
2-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
3-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
4-Nitroaniline	<	1900	UG/KG	07/21/11	8270DM	
2-Methylnaphthalene	<	390	UG/KG	07/21/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL		77
P-TERPHENYL-D14		108
NITROBENZENE-D5		77
2-FLUOROPHENOL		72

Sample Number: 506357
Project Code: CMP-FK
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Report Date: 8/3/2011

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EPA Drinking Water Certification #OK00013

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BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		79
2,4,6-TRIBROMOPHENOL		94

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NU			

Summary

Labs performing analysis on this Sample:

Metals GCMS Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 3 (ODWC SITE# 20)

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

(MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

(NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis.

* ANALYST

Cassandra Kontas

Sample Number: 506357
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1249
Date Received: 7/11/2011
Date Completed: 07/15/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Receiving: (405) 702-1113
Report of Analysis by General Chem.
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
pH, Soil and Wastes	NMC	8.26	STD UNIT	07/15/11	9045D	
Alkalinity, Total (Sed.)	<	200	MG/KG	07/13/11	DEQ	
Nitrogen, Ammonia (Sed.)	<	2.00	MG/KG	07/12/11	DEQ	
Nitrogen, Kjeldahl (Sed.)	<	2.00	MG/KG	07/13/11	351.2	
Nitrate-Nitrite (Sed.)	<	1.00	MG/KG	07/12/11	353.2M	
Phosphorous, Total (Sed.)		3.24	MG/KG	07/14/11	365.3	
Cyanide (Sed.)	ND		MG/KG	07/12/11	335.4M	
Chloride (Sed.)		297	MG/KG	07/12/11	325.2M	
Sulfate (Sed.)		419	MG/KG	07/12/11	375.4M	

Summary

Labs performing analysis on this Sample:

Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 3 (ODWC SITE# 20)

ANALYST'S COMMENTS:

(ND) None detected

(NMC) Analytical value is not moisture corrected

Susan Niensik

* ANALYST

Susan Niensik

State Environmental Laboratory

Sample Number: 506357
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1249
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Sediment	<	1.00	MG/KG	07/29/11	6010	
Arsenic, Sediment	<	10.0	MG/KG	07/29/11	6010	
Barium, Sediment		54.4	MG/KG	07/29/11	6010	
Beryllium, Sediment	<	2.00	MG/KG	07/29/11	6010	
Cadmium , Sediment	<	5.00	MG/KG	07/29/11	6010	
Chromium, Sediment	<	5.00	MG/KG	07/29/11	6010	
Copper, Sediment	<	5.00	MG/KG	07/29/11	6010	
Lead, Sediment	<	10.0	MG/KG	07/29/11	6010	
Nickel, Sediment	<	10.0	MG/KG	07/29/11	6010	
Silver, Sediment	<	5.00	MG/KG	07/29/11	6010	
Strontium, Sediment		18.4	MG/KG	07/29/11	6010	
Zinc, Sediment	<	5.00	MG/KG	07/29/11	6010	
Antimony, Sediment	<	10.0	MG/KG	07/29/11	6010	
Selenium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Uranium, Sediment	<	1.00	MG/KG	07/29/11	200.8	
Thallium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Mercury, Sediment	<	0.25	MG/KG	07/14/11	7471	
% Solids		85.7	%	07/14/11	CLP 5.4	

Summary

Labs performing analysis on this Sample:

Metals GCMS Gen. Chem.

Sample Number: 506357
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1249
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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OKLAHOMA, 73102-6010
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Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

SOURCE: RED RIVER

SAMPLERS COMMENTS:
SEDIMENT SAMPLE DEQ SITE # 3 (ODWC SITE# 20)

ANALYST'S COMMENTS:

* * ANALYST



Sample Number: 506358
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/9/2011
 Time Collected: 1344
 Date Received: 7/11/2011
 Date Completed: 07/29/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
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 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		40.7				
Acenaphthylene	<	410	UG/KG	07/21/11	8270DM	
Acenaphthene	<	410	UG/KG	07/21/11	8270DM	
Anthracene	<	410	UG/KG	07/21/11	8270DM	
Benzo(b)fluoranthene	<	410	UG/KG	07/21/11	8270DM	
Benzo(k)fluoranthene	<	410	UG/KG	07/21/11	8270DM	
Benzo(a)pyrene	<	410	UG/KG	07/21/11	8270DM	
Bis(2-chloroethyl)ether	<	410	UG/KG	07/21/11	8270DM	
Bis(2-chloroethoxy)methane	<	410	UG/KG	07/21/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	410	UG/KG	07/21/11	8270DM	
Butylbenzylphthalate	<	410	UG/KG	07/21/11	8270DM	
Chrysene	<	410	UG/KG	07/21/11	8270DM	
Diethylphthalate	<	410	UG/KG	07/21/11	8270DM	
Dimethylphthalate	<	410	UG/KG	07/21/11	8270DM	
Fluoranthene	<	410	UG/KG	07/21/11	8270DM	
Fluorene	<	410	UG/KG	07/21/11	8270DM	
Hexachlorocyclopentadiene	<	410	UG/KG	07/21/11	8270DM	
Hexachloroethane	<	410	UG/KG	07/21/11	8270DM	
Indeno(123cd)pyrene	<	410	UG/KG	07/21/11	8270DM	
Isophorone	<	410	UG/KG	07/21/11	8270DM	
Nitrosodipropylamine	<	410	UG/KG	07/21/11	8270DM	
Nitrosodiphenylamine	<	410	UG/KG	07/21/11	8270DM	
Naphthalene	<	410	UG/KG	07/21/11	8270DM	
Nitrobenzene	<	410	UG/KG	07/21/11	8270DM	
p-Chloro-m-cresol	<	410	UG/KG	07/21/11	8270DM	
Phenanthrene	<	410	UG/KG	07/21/11	8270DM	
Pyrene	<	410	UG/KG	07/21/11	8270DM	
Benzo(ghi)perylene	<	410	UG/KG	07/21/11	8270DM	
Benzo(a)anthracene	<	410	UG/KG	07/21/11	8270DM	
Dibenzo(ah)anthracene	<	410	UG/KG	07/21/11	8270DM	
2-Chloronaphthalene	<	410	UG/KG	07/21/11	8270DM	
2-Chlorophenol	<	410	UG/KG	07/21/11	8270DM	
2-Nitrophenol	<	410	UG/KG	07/21/11	8270DM	

Sample Number: 506358
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/9/2011
 Time Collected: 1344
 Date Received: 7/11/2011
 Date Completed: 07/29/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Di-n-octylphthalate	MJ	380	UG/KG	07/21/11	8270DM	
2,4-Dichlorophenol	<	410	UG/KG	07/21/11	8270DM	
2,4-Dimethylphenol	<	410	UG/KG	07/21/11	8270DM	
2,4-Dinitrotoluene	<	410	UG/KG	07/21/11	8270DM	
2,4-Dinitrophenol	<	2000	UG/KG	07/21/11	8270DM	
2,4,6-Trichlorophenol	<	2000	UG/KG	07/21/11	8270DM	
2,6-Dinitrotoluene	<	410	UG/KG	07/21/11	8270DM	
3,3'-Dichlorobenzidine	<	810	UG/KG	07/21/11	8270DM	
4-Bromophenylphenyl ether	<	410	UG/KG	07/21/11	8270DM	
4-Chlorophenyl phenylether	<	410	UG/KG	07/21/11	8270DM	
4-Nitrophenol	<	2000	UG/KG	07/21/11	8270DM	
4,6-Dinitro-o-cresol	<	2000	UG/KG	07/21/11	8270DM	
Phenol	<	410	UG/KG	07/21/11	8270DM	
Pentachlorophenol	<	2000	UG/KG	07/21/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	410	UG/KG	07/21/11	8270DM	
Di-n-butylphthalate	<	410	UG/KG	07/21/11	8270DM	
Hexachlorobenzene	<	410	UG/KG	07/21/11	8270DM	
Hexachlorobutadiene	<	410	UG/KG	07/21/11	8270DM	
Dibenzofuran	<	410	UG/KG	07/21/11	8270DM	
2-Methylphenol	<	410	UG/KG	07/21/11	8270DM	
4-Methylphenol	<	410	UG/KG	07/21/11	8270DM	
2,4,5-Trichlorophenol	<	2000	UG/KG	07/21/11	8270DM	
4-Chloroaniline	<	410	UG/KG	07/21/11	8270DM	
2-Nitroaniline	<	2000	UG/KG	07/21/11	8270DM	
3-Nitroaniline	<	2000	UG/KG	07/21/11	8270DM	
4-Nitroaniline	<	2000	UG/KG	07/21/11	8270DM	
2-Methylnaphthalene	<	410	UG/KG	07/21/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROPHENOL		68
NITROBENZENE-D5		79
PHENOL-D5		79
2-FLUOROBIPHENYL		80

Sample Number: 506358
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1344
Date Received: 7/11/2011
Date Completed: 07/29/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2,4,6-TRIBROMOPHENOL		86
P-TERPHENYL-D14		91

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
(MJ) beta-Sitosterol		170	µg/kg
(MJ) Campesterol		220	µg/kg
(MJ) Tetradecanoic acid, hexade		260	µg/kg
Cyclic octaatomic sulfur		830	µg/kg
(MJ) 17-(1,5-Dimethylhexyl)-10,		190	µg/kg
(MJ) Stigmasterol		290	µg/kg
(MJ) Pentadecanoic acid, hexade		240	µg/kg
(MJ) Hexadecanoic acid, hexadec		370	µg/kg

Summary

Labs performing analysis on this Sample:

Metals GCMS Gen. Chem.

Sample Number: 506358
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1344
Date Received: 7/11/2011
Date Completed: 07/29/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/3/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

SOURCE: RED RIVER

SAMPLERS COMMENTS:
SEDIMENT SAMPLE DEQ SITE # 4 (ODWC SITE# 15)

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

(MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration.

Some "tentatively identified" compound names were truncated in the report table; their full names are:

Tetradecanoic acid, hexadecyl ester

Pentadecanoic acid, hexadecyl ester

Hexadecanoic acid, hexadecyl ester

17-(1,5-dimethylhexyl)-10,13-dimethyl-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta(a)phenanthren-3-ol

*

* ANALYST

Cassandra Kontas

Sample Number: 506358
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1344
Date Received: 7/11/2011
Date Completed: 07/15/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by General Chem.
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
pH, Soil and Wastes	NMC	7.35	STD UNIT	07/15/11	9045D	
Alkalinity, Total (Sed.)	NMC	432	MG/KG	07/13/11	DEQ	
Nitrogen, Ammonia (Sed.)	<	2.00	MG/KG	07/12/11	DEQ	
Nitrogen, Kjeldahl (Sed.)		120	MG/KG	07/13/11	351.2	
Nitrate-Nitrite (Sed.)	<	1.00	MG/KG	07/12/11	353.2M	
Phosphorous, Total (Sed.)		64.4	MG/KG	07/14/11	365.3	
Cyanide (Sed.)	ND		MG/KG	07/12/11	335.4M	
Chloride (Sed.)		874	MG/KG	07/12/11	325.2M	
Sulfate (Sed.)		3810	MG/KG	07/12/11	375.4M	

Summary

Labs performing analysis on this Sample:

Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

SEDIMENT SAMPLE DEQ SITE # 4 (ODWC SITE# 15)

ANALYST'S COMMENTS:

(ND) None detected

(NMC) Analytical value is not moisture corrected

*

* ANALYST

Susan Mensik

Susan Mensik

State Environmental Laboratory

Sample Number: 506358
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1344
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Sediment	<	1.00	MG/KG	07/29/11	6010	
Arsenic, Sediment	<	10.0	MG/KG	07/29/11	6010	
Barium, Sediment		73.9	MG/KG	07/29/11	6010	
Beryllium, Sediment	<	2.00	MG/KG	07/29/11	6010	
Cadmium , Sediment	<	5.00	MG/KG	07/29/11	6010	
Chromium, Sediment	<	5.00	MG/KG	07/29/11	6010	
Copper, Sediment	<	5.00	MG/KG	07/29/11	6010	
Lead, Sediment	<	10.0	MG/KG	07/29/11	6010	
Nickel, Sediment	<	10.0	MG/KG	07/29/11	6010	
Silver, Sediment	<	5.00	MG/KG	07/29/11	6010	
Strontium, Sediment		54.0	MG/KG	07/29/11	6010	
Zinc, Sediment		6.50	MG/KG	07/29/11	6010	
Antimony, Sediment	<	10.0	MG/KG	07/29/11	6010	
Selenium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Uranium, Sediment	<	1.00	MG/KG	07/29/11	200.8	
Thallium, Sediment	<	10.0	MG/KG	07/29/11	6010	
Mercury, Sediment	<	0.25	MG/KG	07/14/11	7471	
% Solids		74.2	%	07/14/11	CLP 5.4	

Summary

Labs performing analysis on this Sample:
Metals GCMS Gen. Chem.

Sample Number: 506358
Project Code: CMP-FK
Agency Number:
Date Collected: 7/9/2011
Time Collected: 1344
Date Received: 7/11/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
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Report Date: 8/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
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Sample Receiving: (405) 702-1113
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EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: CHRIS ARMSTRONG/CSD

SOURCE: RED RIVER

SAMPLERS COMMENTS:
SEDIMENT SAMPLE DEQ SITE # 4 (ODWC SITE# 15)

ANALYST'S COMMENTS:

* * ANALYST



Sample Number: 506633
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1430
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		07/15/11	8260BM	
Bromodichloromethane	<	10.0	UG/L	07/15/00	8260BM	
Carbon tetrachloride	<	10.0	UG/L	07/15/00	8260BM	
Bromoform	<	10.0	UG/L	07/15/00	8260BM	
Chloroform	<	10.0	UG/L	07/15/00	8260BM	
Toluene	<	10.0	UG/L	07/15/00	8260BM	
Benzene	<	10.0	UG/L	07/15/00	8260BM	
Chlorobenzene	<	10.0	UG/L	07/15/00	8260BM	
Dibromochloromethane	<	10.0	UG/L	07/15/00	8260BM	
Chloroethane	<	10.0	UG/L	07/15/00	8260BM	
Ethylbenzene	<	10.0	UG/L	07/15/00	8260BM	
Bromomethane	<	10.0	UG/L	07/15/00	8260BM	
Methylene chloride	<	10.0	UG/L	07/15/00	8260BM	
Tetrachloroethene	<	10.0	UG/L	07/15/00	8260BM	
1,1-Dichloroethane	<	10.0	UG/L	07/15/00	8260BM	
1,1-Dichloroethene	<	10.0	UG/L	07/15/00	8260BM	
1,1,1-Trichloroethane	<	10.0	UG/L	07/15/00	8260BM	
1,1,2-Trichloroethane	<	10.0	UG/L	07/15/00	8260BM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	07/15/00	8260BM	
1,2-Dichloroethane	<	10.0	UG/L	07/15/00	8260BM	
1,2-Dichloropropane	<	10.0	UG/L	07/15/00	8260BM	
trans-1,2-Dichloroethene	<	10.0	UG/L	07/15/00	8260BM	
trans-1,3-Dichloropropene	<	10.0	UG/L	07/15/00	8260BM	
cis-1,3-Dichloropropene	<	10.0	UG/L	07/15/00	8260BM	
Vinyl chloride	<	10.0	UG/L	07/15/00	8260BM	
Trichloroethene	<	10.0	UG/L	07/15/00	8260BM	
Methylisobutyl ketone	<	10.0	UG/L	07/15/00	8260BM	
Carbon disulfide in water	<	10.0	ug/L	07/15/00	8260BM	
2-Hexanone	<	10.0	UG/L	07/15/00	8260BM	
Styrene	<	10.0	UG/L	07/15/00	8260BM	
Total Xylenes	<	10.0	UG/L	07/15/00	8260BM	
Acetone	<	10.0	UG/L	07/15/00	8260BM	
Methylethyl Ketone	<	10.0	UG/L	07/15/00	8260BM	

Sample Number: 506633
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1430
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
 707 N. ROBINSON
 OKLAHOMA CITY
 OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dichlorodifluoromethane	<	10.0	UG/L	07/15/00	8260BM	
Trichlorofluoromethane	<	10.0	UG/L	07/15/00	8260BM	
1,1,2-Trichloro-1,2,2-trifl	<	10.0	UG/L	07/15/00	8260BM	
Methyl Acetate	<	10.0	UG/L	07/15/00	8260BM	
Methyl tert-butyl ether (M	<	10.0	UG/L	07/15/00	8260BM	
cis-1,2-Dichloroethene	<	10.0	UG/L	07/15/00	8260BM	
Cyclohexane	<	10.0	UG/L	07/15/00	8260BM	
Methylcyclohexane	<	10.0	UG/L	07/15/00	8260BM	
1,2-Dibromoethane	<	10.0	UG/L	07/15/00	8260BM	
Isopropylbenzene	<	10.0	UG/L	07/15/00	8260BM	
1,2-Dichlorobenzene	<	10.0	UG/L	07/15/00	8260BM	
1,3-Dichlorobenzene	<	10.0	UG/L	07/15/00	8260BM	
1,4-Dichlorobenzene	<	10.0	UG/L	07/15/00	8260BM	
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	07/15/00	8260BM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	07/15/00	8260BM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
TOLUENE-D8		103
4-BROMOFLUOROBENZENE		93
1,2-DICHLOROETHANE-D4		88

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NONE FOUND		0	

Summary

Labs performing analysis on this Sample:
 GCMS

Sample Number: 506633
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 07/18/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/18/2011

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY**

707 N. ROBINSON

OKLAHOMA CITY

OKLAHOMA, 73102-6010

General Inquiries: 1-800-869-1400

Sample Receiving: (405) 702-1113

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 5B

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 4.5

ANALYST'S COMMENTS:

*

* ANALYST

Agnes Che

Sample Number: 506634
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		07/15/11	8260BM	
Bromodichloromethane	<	10.0	UG/L	07/15/11	8260BM	
Carbon tetrachloride	<	10.0	UG/L	07/15/11	8260BM	
Bromoform	<	10.0	UG/L	07/15/11	8260BM	
Chloroform	<	10.0	UG/L	07/15/11	8260BM	
Toluene	<	10.0	UG/L	07/15/11	8260BM	
Benzene	<	10.0	UG/L	07/15/11	8260BM	
Chlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
Dibromochloromethane	<	10.0	UG/L	07/15/11	8260BM	
Chloroethane	<	10.0	UG/L	07/15/11	8260BM	
Ethylbenzene	<	10.0	UG/L	07/15/11	8260BM	
Bromomethane	<	10.0	UG/L	07/15/11	8260BM	
Methylene chloride	<	10.0	UG/L	07/15/11	8260BM	
Tetrachloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1,1-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloropropane	<	10.0	UG/L	07/15/11	8260BM	
trans-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
trans-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
cis-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
Vinyl chloride	<	10.0	UG/L	07/15/11	8260BM	
Trichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Methylisobutyl ketone	<	10.0	UG/L	07/15/11	8260BM	
Carbon disulfide in water	<	10.0	ug/L	07/15/11	8260BM	
2-Hexanone	<	10.0	UG/L	07/15/11	8260BM	
Styrene	<	10.0	UG/L	07/15/11	8260BM	
Total Xylenes	<	10.0	UG/L	07/15/11	8260BM	
Acetone	<	10.0	UG/L	07/15/11	8260BM	
Methylethyl Ketone	<	10.0	UG/L	07/15/11	8260BM	

Sample Number: 506634
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
 707 N. ROBINSON
 OKLAHOMA CITY
 OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dichlorodifluoromethane	<	10.0	UG/L	07/15/11	8260BM	
Trichlorofluoromethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloro-1,2,2-trifl	<	10.0	UG/L	07/15/11	8260BM	
Methyl Acetate	<	10.0	UG/L	07/15/11	8260BM	
Methyl tert-butyl ether (M	<	10.0	UG/L	07/15/11	8260BM	
cis-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Cyclohexane	<	10.0	UG/L	07/15/11	8260BM	
Methylcyclohexane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromoethane	<	10.0	UG/L	07/15/11	8260BM	
Isopropylbenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,3-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,4-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromo-3-chloropropan	<	10.0	UG/L	07/15/11	8260BM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
TOLUENE-D8		102
1,2-DICHLOROETHANE-D4		95
4-BROMOFLUOROBENZENE		99

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NONE FOUND		0	

Summary

Labs performing analysis on this Sample:
 GCMS

Sample Number: 506634
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 07/18/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

SOURCE: RED RIVER

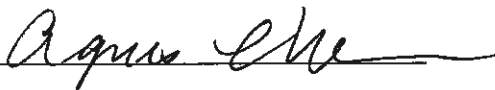
SAMPLERS COMMENTS:
DEQ SITE # 6B

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 4.5

ANALYST'S COMMENTS:

*

* ANALYST



Sample Number: 506635
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		07/15/11	8260BM	
Bromodichloromethane	<	10.0	UG/L	07/15/11	8260BM	
Carbon tetrachloride	<	10.0	UG/L	07/15/11	8260BM	
Bromoform	<	10.0	UG/L	07/15/11	8260BM	
Chloroform	<	10.0	UG/L	07/15/11	8260BM	
Toluene	<	10.0	UG/L	07/15/11	8260BM	
Benzene	<	10.0	UG/L	07/15/11	8260BM	
Chlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
Dibromochloromethane	<	10.0	UG/L	07/15/11	8260BM	
Chloroethane	<	10.0	UG/L	07/15/11	8260BM	
Ethylbenzene	<	10.0	UG/L	07/15/11	8260BM	
Bromomethane	<	10.0	UG/L	07/15/11	8260BM	
Methylene chloride	<	10.0	UG/L	07/15/11	8260BM	
Tetrachloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1,1-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloropropane	<	10.0	UG/L	07/15/11	8260BM	
trans-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
trans-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
cis-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
Vinyl chloride	<	10.0	UG/L	07/15/11	8260BM	
Trichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Methylisobutyl ketone	<	10.0	UG/L	07/15/11	8260BM	
Carbon disulfide in water	<	10.0	ug/L	07/15/11	8260BM	
2-Hexanone	<	10.0	UG/L	07/15/11	8260BM	
Styrene	<	10.0	UG/L	07/15/11	8260BM	
Total Xylenes	<	10.0	UG/L	07/15/11	8260BM	
Acetone	<	10.0	UG/L	07/15/11	8260BM	
Methylethyl Ketone	<	10.0	UG/L	07/15/11	8260BM	

Sample Number: 506635
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
 707 N. ROBINSON
 OKLAHOMA CITY
 OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dichlorodifluoromethane	<	10.0	UG/L	07/15/11	8260BM	
Trichlorofluoromethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloro-1,2,2-trifl	<	10.0	UG/L	07/15/11	8260BM	
Methyl Acetate	<	10.0	UG/L	07/15/11	8260BM	
Methyl tert-butyl ether (M	<	10.0	UG/L	07/15/11	8260BM	
cis-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Cyclohexane	<	10.0	UG/L	07/15/11	8260BM	
Methylcyclohexane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromoethane	<	10.0	UG/L	07/15/11	8260BM	
Isopropylbenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,3-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,4-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromo-3-chloropropan	<	10.0	UG/L	07/15/11	8260BM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
1,2-DICHLOROETHANE-D4		94
4-BROMOFLUOROBENZENE		100
TOLUENE-D8		101

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NONE FOUND			

Summary

Labs performing analysis on this Sample:
 GCMS

Sample Number: 506635
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1545
Date Received: 7/15/2011
Date Completed: 07/18/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 7B

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 4.5

ANALYST'S COMMENTS:

* ANALYST

Agnes Che

Sample Number: 506636
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected:
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		07/15/11	8260BM	
Bromodichloromethane	<	10.0	UG/L	07/15/11	8260BM	
Carbon tetrachloride	<	10.0	UG/L	07/15/11	8260BM	
Bromoform	<	10.0	UG/L	07/15/11	8260BM	
Chloroform	<	10.0	UG/L	07/15/11	8260BM	
Toluene	<	10.0	UG/L	07/15/11	8260BM	
Benzene	<	10.0	UG/L	07/15/11	8260BM	
Chlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
Dibromochloromethane	<	10.0	UG/L	07/15/11	8260BM	
Chloroethane	<	10.0	UG/L	07/15/11	8260BM	
Ethylbenzene	<	10.0	UG/L	07/15/11	8260BM	
Bromomethane	<	10.0	UG/L	07/15/11	8260BM	
Methylene chloride	<	10.0	UG/L	07/15/11	8260BM	
Tetrachloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1,1-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloropropane	<	10.0	UG/L	07/15/11	8260BM	
trans-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
trans-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
cis-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
Vinyl chloride	<	10.0	UG/L	07/15/11	8260BM	
Trichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Methylisobutyl ketone	<	10.0	UG/L	07/15/11	8260BM	
Carbon disulfide in water	<	10.0	ug/L	07/15/11	8260BM	
2-Hexanone	<	10.0	UG/L	07/15/11	8260BM	
Styrene	<	10.0	UG/L	07/15/11	8260BM	
Total Xylenes	<	10.0	UG/L	07/15/11	8260BM	
Acetone	<	10.0	UG/L	07/15/11	8260BM	
Methylethyl Ketone	<	10.0	UG/L	07/15/11	8260BM	

Sample Number: 506636
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected:
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dichlorodifluoromethane	<	10.0	UG/L	07/15/11	8260BM	
Trichlorofluoromethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloro-1,2,2-trifl	<	10.0	UG/L	07/15/11	8260BM	
Methyl Acetate	<	10.0	UG/L	07/15/11	8260BM	
Methyl tert-butyl ether (M	<	10.0	UG/L	07/15/11	8260BM	
cis-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Cyclohexane	<	10.0	UG/L	07/15/11	8260BM	
Methylcyclohexane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromoethane	<	10.0	UG/L	07/15/11	8260BM	
Isopropylbenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,3-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,4-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	07/15/11	8260BM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
1,2-DICHLOROETHANE-D4		94
4-BROMOFLUOROBENZENE		105
TOLUENE-D8		97

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NONE FOUND		0	

Summary

Labs performing analysis on this Sample:
 GCMS

Sample Number: 506636
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected:
Date Received: 7/15/2011
Date Completed: 07/18/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
TRIP BLANK

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 4.5

ANALYST'S COMMENTS:

*

* ANALYST

Angus Che

Sample Number: 506637
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected:
 Date Received: 7/15/2011
 Date Completed: 07/18/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/18/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
 707 N. ROBINSON
 OKLAHOMA CITY
 OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

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 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		07/15/11	8260BM	
Bromodichloromethane	<	10.0	UG/L	07/15/11	8260BM	
Carbon tetrachloride	<	10.0	UG/L	07/15/11	8260BM	
Bromoform	<	10.0	UG/L	07/15/11	8260BM	
Chloroform	<	10.0	UG/L	07/15/11	8260BM	
Toluene	<	10.0	UG/L	07/15/11	8260BM	
Benzene	<	10.0	UG/L	07/15/11	8260BM	
Chlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
Dibromochloromethane	<	10.0	UG/L	07/15/11	8260BM	
Chloroethane	<	10.0	UG/L	07/15/11	8260BM	
Ethylbenzene	<	10.0	UG/L	07/15/11	8260BM	
Bromomethane	<	10.0	UG/L	07/15/11	8260BM	
Methylene chloride	<	10.0	UG/L	07/15/11	8260BM	
Tetrachloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
1,1,1-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloroethane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichloropropane	<	10.0	UG/L	07/15/11	8260BM	
trans-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
trans-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
cis-1,3-Dichloropropene	<	10.0	UG/L	07/15/11	8260BM	
Vinyl chloride	<	10.0	UG/L	07/15/11	8260BM	
Trichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Methylisobutyl ketone	<	10.0	UG/L	07/15/11	8260BM	
Carbon disulfide in water	<	10.0	ug/L	07/15/11	8260BM	
2-Hexanone	<	10.0	UG/L	07/15/11	8260BM	
Styrene	<	10.0	UG/L	07/15/11	8260BM	
Total Xylenes	<	10.0	UG/L	07/15/11	8260BM	
Acetone	<	10.0	UG/L	07/15/11	8260BM	
Methylethyl Ketone	<	10.0	UG/L	07/15/11	8260BM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dichlorodifluoromethane	<	10.0	UG/L	07/15/11	8260BM	
Trichlorofluoromethane	<	10.0	UG/L	07/15/11	8260BM	
1,1,2-Trichloro-1,2,2-trifl	<	10.0	UG/L	07/15/11	8260BM	
Methyl Acetate	<	10.0	UG/L	07/15/11	8260BM	
Methyl tert-butyl ether (M	<	10.0	UG/L	07/15/11	8260BM	
cis-1,2-Dichloroethene	<	10.0	UG/L	07/15/11	8260BM	
Cyclohexane	<	10.0	UG/L	07/15/11	8260BM	
Methylcyclohexane	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromoethane	<	10.0	UG/L	07/15/11	8260BM	
Isopropylbenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,3-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,4-Dichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	
1,2-Dibromo-3-chloropropan	<	10.0	UG/L	07/15/11	8260BM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	07/15/11	8260BM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
4-BROMOFLUOROBENZENE		104
1,2-DICHLOROETHANE-D4		94
TOLUENE-D8		101

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NONE FOUND		0	

Summary

Labs performing analysis on this Sample:
 GCMS

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SOURCE: RED RIVER

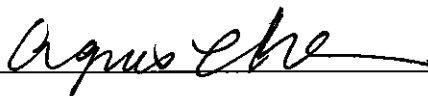
SAMPLERS COMMENTS:
LAB BLANK

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 4.5

ANALYST'S COMMENTS:

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* ANALYST



Sample Number: 506638
 Project Code: CMP-FK
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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.05				
Acenaphthylene	<	10	UG/L	07/15/11	8270DM	
Acenaphthene	<	10	UG/L	07/15/11	8270DM	
Anthracene	<	10	UG/L	07/15/11	8270DM	
Benzo(b)fluoranthene	<	10	UG/L	07/15/11	8270DM	
Benzo(k)fluoranthene	<	10	UG/L	07/15/11	8270DM	
Benzo(a)pyrene	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroethoxy)methane	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	07/15/11	8270DM	
Butylbenzylphthalate	<	10	UG/L	07/15/11	8270DM	
Chrysene	<	10	UG/L	07/15/11	8270DM	
Diethylphthalate	<	10	UG/L	07/15/11	8270DM	
Dimethylphthalate	<	10	UG/L	07/15/11	8270DM	
Fluoranthene	<	10	UG/L	07/15/11	8270DM	
Fluorene	<	10	UG/L	07/15/11	8270DM	
Hexachlorocyclopentadiene	<	10	UG/L	07/15/11	8270DM	
Hexachloroethane in water	<	10	UG/L	07/15/11	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	07/15/11	8270DM	
Isophorone	<	10	UG/L	07/15/11	8270DM	
Nitrosodipropylamine	<	10	UG/L	07/15/11	8270DM	
Nitrosodiphenylamine	<	10	UG/L	07/15/11	8270DM	
Nitrobenzene	<	10	UG/L	07/15/11	8270DM	
p-Chloro-m-cresol	<	10	UG/L	07/15/11	8270DM	
Phenanthrene	<	10	UG/L	07/15/11	8270DM	
Pyrene	<	10	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	10	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	10	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	07/15/11	8270DM	
2-Chloronaphthalene	<	10	UG/L	07/15/11	8270DM	
2-Chlorophenol	<	10	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	10	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	10	UG/L	07/15/11	8270DM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	10	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	10	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	52	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	10	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	10	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	21	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	10	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	52	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	52	UG/L	07/15/11	8270DM	
Phenol	<	10	UG/L	07/15/11	8270DM	
Naphthalene	<	10	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	52	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	10	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	10	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	10	UG/L	07/15/11	8270DM	
Dibenzofuran	<	10	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	10	UG/L	07/15/11	8270DM	
2-Methylphenol	<	10	UG/L	07/15/11	8270DM	
4-Methylphenol	<	10	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	52	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	10	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	52	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	52	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	52	UG/L	07/15/11	8270DM	

SURROGATE RECOVERIES

COMPOUND	RECOVERY %
NITROBENZENE-D5	66
2-FLUOROPHENOL	29
P-TERPHENYL-D14	61
PHENOL-D5	25

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COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL		55
2,4,6-TRIBROMOPHENOL		54

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
(MJ) 2,2'-oxybis-1-propanol		8	µg/L
(MJ) polydimethylsiloxane (RT 3		6	µg/L
(MJ) polydimethylsiloxane (RT 3		3	µg/L
polydimethylsiloxane (RT 26.23m		33	µg/L
polydimethylsiloxane (RT 27.27m		23	µg/L
(MJ) polydimethylsiloxane (RT 1		2	µg/L
(MJ) polydimethylsiloxane (RT 3		2	µg/L
polydimethylsiloxane (RT 23.14m		16	µg/L
polydimethylsiloxane (RT 25.18m		32	µg/L
polydimethylsiloxane (RT 30.31m		11	µg/L
2-(2-hydroxypropoxy)-1-propanol		13	µg/L
polydimethylsiloxane (RT 29.39m		18	µg/L
(MJ) 3,3'-oxybis-2-butanol		3	µg/L
(MJ) polydimethylsiloxane (RT 2		6	µg/L
(MJ) polydimethylsiloxane (RT 2		9	µg/L
(MJ) polydimethylsiloxane (RT 3		8	µg/L
(MJ) polydimethylsiloxane (RT 3		5	µg/L
(MJ) polydimethylsiloxane (RT 3		4	µg/L
polydimethylsiloxane (RT 24.14m		24	µg/L

Summary

Labs performing analysis on this Sample:

GCMS

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CADDO, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 5B

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer. Some "tentatively identified" compound names were truncated in the report table; their full names are:

(MJ) polydimethylsiloxane (RT 19.73min)
(MJ) polydimethylsiloxane (RT 20.99min)
(MJ) polydimethylsiloxane (RT 22.10min)
(MJ) polydimethylsiloxane (RT 31.17min)
(MJ) polydimethylsiloxane (RT 32.04min)
(MJ) polydimethylsiloxane (RT 32.92min)
(MJ) polydimethylsiloxane (RT 33.81min)
(MJ) polydimethylsiloxane (RT 34.82min)
(MJ) polydimethylsiloxane (RT 36.00min)
polydimethylsiloxane (RT 23.14min)
polydimethylsiloxane (RT 24.14min)
polydimethylsiloxane (RT 25.18min)
polydimethylsiloxane (RT 26.23min)
polydimethylsiloxane (RT 27.27min)
polydimethylsiloxane (RT 29.39min)
polydimethylsiloxane (RT 30.31min)

* ANALYST

Cassandra Kontas

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Dilution Factor, Extractab:		1.05				
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Acenaphthene	<	10	UG/L	07/15/11	8270DM	
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Bis(2-chloroethoxy)methane	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	07/15/11	8270DM	
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Chrysene	<	10	UG/L	07/15/11	8270DM	
Diethylphthalate	<	10	UG/L	07/15/11	8270DM	
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Phenanthrene	<	10	UG/L	07/15/11	8270DM	
Pyrene	<	10	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	10	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	10	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	07/15/11	8270DM	
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2-Chlorophenol	<	10	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	10	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	10	UG/L	07/15/11	8270DM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	10	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	10	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	52	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	10	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	10	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	21	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	10	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	52	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	52	UG/L	07/15/11	8270DM	
Phenol	<	10	UG/L	07/15/11	8270DM	
Naphthalene	<	10	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	52	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	10	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	10	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	10	UG/L	07/15/11	8270DM	
Dibenzofuran	<	10	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	10	UG/L	07/15/11	8270DM	
2-Methylphenol	<	10	UG/L	07/15/11	8270DM	
4-Methylphenol	<	10	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	52	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	10	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	52	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	52	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	52	UG/L	07/15/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
NITROBENZENE-D5		66
2-FLUOROPHENOL		29
P-TERPHEHYL-D14		61
PHENOL-D5		25

Sample Number: 506638
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL		55
2,4,6-TRIBROMOPHENOL		54

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
(MJ) 2,2'-oxybis-1-propanol		8	µg/L
2-(2-hydroxypropoxy)-1-propanol		13	µg/L
(MJ) 3,3'-oxybis-2-butanol		3	µg/L

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 5B

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

(CF) Corrected final report. Reanalysis showed that some previously reported tentatively identified compounds (TICs) were due to extraction laboratory contamination. Those TICs were removed from this customer report.

* ANALYST Cassandra Kontas

Sample Number: 506639
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		0.26				
Acenaphthylene	<	2.7	UG/L	07/15/11	8270DM	
Acenaphthene	<	2.7	UG/L	07/15/11	8270DM	
Anthracene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(b)fluoranthene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(k)fluoranthene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(a)pyrene	<	2.7	UG/L	07/15/11	8270DM	
Bis(2-chloroethyl)ether	<	2.7	UG/L	07/15/11	8270DM	
Bis(2-chloroethoxy)methane	<	2.7	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	2.7	UG/L	07/15/11	8270DM	
Butylbenzylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Chrysene	<	2.7	UG/L	07/15/11	8270DM	
Diethylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Dimethylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Fluoranthene	<	2.7	UG/L	07/15/11	8270DM	
Fluorene	<	2.7	UG/L	07/15/11	8270DM	
Hexachlorocyclopentadiene	<	2.7	UG/L	07/15/11	8270DM	
Hexachloroethane in water	<	2.7	UG/L	07/15/11	8270DM	
Indeno(123cd)pyrene	<	2.7	UG/L	07/15/11	8270DM	
Isophorone	<	2.7	UG/L	07/15/11	8270DM	
Nitrosodipropylamine	<	2.7	UG/L	07/15/11	8270DM	
Nitrosodiphenylamine	<	2.7	UG/L	07/15/11	8270DM	
Nitrobenzene	<	2.7	UG/L	07/15/11	8270DM	
p-Chloro-m-cresol	<	2.7	UG/L	07/15/11	8270DM	
Phenanthrene	<	2.7	UG/L	07/15/11	8270DM	
Pyrene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	2.7	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	2.7	UG/L	07/15/11	8270DM	
2-Chloronaphthalene	<	2.7	UG/L	07/15/11	8270DM	
2-Chlorophenol	<	2.7	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	2.7	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	2.7	UG/L	07/15/11	8270DM	

Sample Number: 506639
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	2.7	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	2.7	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	2.7	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	13	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	2.7	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	2.7	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	5.3	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	2.7	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	2.7	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	13	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	13	UG/L	07/15/11	8270DM	
Phenol	<	2.7	UG/L	07/15/11	8270DM	
Naphthalene	<	2.7	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	13	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	2.7	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	2.7	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	2.7	UG/L	07/15/11	8270DM	
Dibenzofuran	<	2.7	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	2.7	UG/L	07/15/11	8270DM	
2-Methylphenol	<	2.7	UG/L	07/15/11	8270DM	
4-Methylphenol	<	2.7	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	13	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	2.7	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	13	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	13	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	13	UG/L	07/15/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL		53
P-TERPHENYL-D14		61
2-FLUOROPHENOL		31
2,4,6-TRIBROMOPHENOL		57

Sample Number: 506639
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK90013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		23
NITROBENZENE-D5		59

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
(MJ) 3,3'-oxybis-2-butanol		0	µg/L
polydimethylsiloxane (RT 24.14m		10	µg/L
polydimethylsiloxane (RT 29.39m		5	µg/L
(MJ) polydimethylsiloxane (RT 1		0	µg/L
(MJ) polydimethylsiloxane (RT 3		1	µg/L
2-(2-hydroxypropoxy)-1-propanol		3	µg/L
polydimethylsiloxane (RT 26.23m		13	µg/L
polydimethylsiloxane (RT 32.05m		2	µg/L
(MJ) polydimethylsiloxane (RT 3		2	µg/L
(MJ) polydimethylsiloxane (RT 3		1	µg/L
polydimethylsiloxane (RT 22.10m		4	µg/L
polydimethylsiloxane (RT 27.27m		6	µg/L
polydimethylsiloxane (RT 30.31m		3	µg/L
polydimethylsiloxane (RT 31.17m		3	µg/L
(MJ) glycerol triacetate		0	µg/L
polydimethylsiloxane (RT 25.18m		13	µg/L
(MJ) polydimethylsiloxane (RT 3		1	µg/L
polydimethylsiloxane (RT 23.15m		6	µg/L
(MJ) polydimethylsiloxane (RT 2		2	µg/L
2,2'-oxybis-1-propanol		2	µg/L

Summary

Labs performing analysis on this Sample:

GCMS

Sample Number: 506639
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: EM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 6B

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

(MJ) 3,3'-oxybis-2-butanol 0.8µg/L

(MJ) glycerol triacetate 0.5µg/L

(MJ) polydimethylsiloxane (RT 19.73min) 0.8µg/L

(MJ) polydimethylsiloxane (RT 20.99min) 2.3µg/L

(MJ) polydimethylsiloxane (RT 32.93min) 2.2µg/L

(MJ) polydimethylsiloxane (RT 33.82min) 1.8µg/L

(MJ) polydimethylsiloxane (RT 34.83min) 1.3µg/L

(MJ) polydimethylsiloxane (RT 36.02min) 1.0µg/L

2-(2-hydroxypropoxy)-1-propanol 3.5µg/L

2,2'-oxybis-1-propanol 2.0µg/L

polydimethylsiloxane (RT 22.10min) 4.0µg/L

polydimethylsiloxane (RT 23.15min) 6.7µg/L

polydimethylsiloxane (RT 24.14min) 10µg/L

polydimethylsiloxane (RT 25.18min) 13µg/L

polydimethylsiloxane (RT 26.23min) 13µg/L

polydimethylsiloxane (RT 27.27min) 6.8µg/L

polydimethylsiloxane (RT 29.39min) 5.8µg/L

polydimethylsiloxane (RT 30.31min) 3.8µg/L

polydimethylsiloxane (RT 31.17min) 3.1µg/L

polydimethylsiloxane (RT 32.05min) 2.8µg/L

* ANALYST Cassandra Kontas

Sample Number: 506639
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 FWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY

707 N. ROBINSON

OKLAHOMA CITY

OKLAHOMA, 73102-6010

General Inquiries: 1-800-869-1400

Sample Receiving: (405) 702-1113

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		0.26				
Acenaphthylene	<	2.7	UG/L	07/15/11	8270DM	
Acenaphthene	<	2.7	UG/L	07/15/11	8270DM	
Anthracene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(b)fluoranthene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(k)fluoranthene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(a)pyrene	<	2.7	UG/L	07/15/11	8270DM	
Bis(2-chloroethyl)ether	<	2.7	UG/L	07/15/11	8270DM	
Bis(2-chloroethoxy)methane	<	2.7	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	2.7	UG/L	07/15/11	8270DM	
Butylbenzylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Chrysene	<	2.7	UG/L	07/15/11	8270DM	
Diethylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Dimethylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Fluoranthene	<	2.7	UG/L	07/15/11	8270DM	
Fluorene	<	2.7	UG/L	07/15/11	8270DM	
Hexachlorocyclopentadiene	<	2.7	UG/L	07/15/11	8270DM	
Hexachloroethane in water	<	2.7	UG/L	07/15/11	8270DM	
Indeno(123cd)pyrene	<	2.7	UG/L	07/15/11	8270DM	
Isophorone	<	2.7	UG/L	07/15/11	8270DM	
Nitrosodipropylamine	<	2.7	UG/L	07/15/11	8270DM	
Nitrosodiphenylamine	<	2.7	UG/L	07/15/11	8270DM	
Nitrobenzene	<	2.7	UG/L	07/15/11	8270DM	
p-Chloro-m-cresol	<	2.7	UG/L	07/15/11	8270DM	
Phenanthrene	<	2.7	UG/L	07/15/11	8270DM	
Pyrene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	2.7	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	2.7	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	2.7	UG/L	07/15/11	8270DM	
2-Chloronaphthalene	<	2.7	UG/L	07/15/11	8270DM	
2-Chlorophenol	<	2.7	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	2.7	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	2.7	UG/L	07/15/11	8270DM	

Sample Number: 506639
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	2.7	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	2.7	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	2.7	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	13	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	2.7	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	2.7	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	5.3	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	2.7	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	2.7	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	13	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	13	UG/L	07/15/11	8270DM	
Phenol	<	2.7	UG/L	07/15/11	8270DM	
Naphthalene	<	2.7	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	13	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	2.7	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	2.7	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	2.7	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	2.7	UG/L	07/15/11	8270DM	
Dibenzofuran	<	2.7	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	2.7	UG/L	07/15/11	8270DM	
2-Methylphenol	<	2.7	UG/L	07/15/11	8270DM	
4-Methylphenol	<	2.7	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	13	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	2.7	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	13	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	13	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	13	UG/L	07/15/11	8270DM	

SURROGATE RECOVERIES

COMPOUND	RECOVERY %
2-FLUOROBIPHENYL	53
P-TERPHENYL-D14	61
2-FLUOROPHENOL	31
2,4,6-TRIBROMOPHENOL	57

Sample Number: 506639
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: BM
PWS Id:
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Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
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EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		23
NITROBENZENE-D5		59

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
(MJ) 3,3'-oxybis-2-butanol		0	µg/L
2-(2-hydroxypropoxy)-1-propanol		3	µg/L
(MJ) glycerol triacetate		0	µg/L
2,2'-oxybis-1-propanol		2	µg/L

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 6B

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

Some tentatively identified compound concentrations were truncated in the report table; their concentrations are:

(MJ) 3,3'-oxybis-2-butanol 0.8µg/L

(MJ) glycerol triacetate 0.5µg/L

2-(2-hydroxypropoxy)-1-propanol 3.5µg/L

2,2'-oxybis-1-propanol 2.0µg/L

(CF) Corrected final report. Reanalysis showed that some previously reported tentatively identified compounds (TICs) were due to extraction laboratory contamination. Those TICs were removed from this customer report.

* ANALYST

Cassandra Kontas

Sample Number: 506640
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00613

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractabi		1.06				
Acenaphthylene	<	11	UG/L	07/15/11	8270DM	
Acenaphthene	<	11	UG/L	07/15/11	8270DM	
Anthracene	<	11	UG/L	07/15/11	8270DM	
Benzo(b)fluoranthene	<	11	UG/L	07/15/11	8270DM	
Benzo(k)fluoranthene	<	11	UG/L	07/15/11	8270DM	
Benzo(a)pyrene	<	11	UG/L	07/15/11	8270DM	
Bis(2-chloroethyl)ether	<	11	UG/L	07/15/11	8270DM	
Bis(2-chloroethoxy)methane	<	11	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	11	UG/L	07/15/11	8270DM	
Butylbenzylphthalate	<	11	UG/L	07/15/11	8270DM	
Chrysene	<	11	UG/L	07/15/11	8270DM	
Diethylphthalate	<	11	UG/L	07/15/11	8270DM	
Dimethylphthalate	<	11	UG/L	07/15/11	8270DM	
Fluoranthene	<	11	UG/L	07/15/11	8270DM	
Fluorene	<	11	UG/L	07/15/11	8270DM	
Hexachlorocyclopentadiene	<	11	UG/L	07/15/11	8270DM	
Hexachloroethane in water	<	11	UG/L	07/15/11	8270DM	
Indeno(123cd)pyrene	<	11	UG/L	07/15/11	8270DM	
Isophorone	<	11	UG/L	07/15/11	8270DM	
Nitrosodipropylamine	<	11	UG/L	07/15/11	8270DM	
Nitrosodiphenylamine	<	11	UG/L	07/15/11	8270DM	
Nitrobenzene	<	11	UG/L	07/15/11	8270DM	
p-Chloro-m-cresol	<	11	UG/L	07/15/11	8270DM	
Phenanthrene	<	11	UG/L	07/15/11	8270DM	
Pyrene	<	11	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	11	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	11	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	11	UG/L	07/15/11	8270DM	
2-Chloronaphthalene	<	11	UG/L	07/15/11	8270DM	
2-Chlorophenol	<	11	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	11	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	11	UG/L	07/15/11	8270DM	

Sample Number: 506640
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
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 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	11	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	11	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	11	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	53	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	11	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	11	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	21	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	11	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	11	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	53	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	53	UG/L	07/15/11	8270DM	
Phenol	<	11	UG/L	07/15/11	8270DM	
Naphthalene	<	11	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	53	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	11	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	11	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	11	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	11	UG/L	07/15/11	8270DM	
Dibenzofuran	<	11	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	11	UG/L	07/15/11	8270DM	
2-Methylphenol	<	11	UG/L	07/15/11	8270DM	
4-Methylphenol	<	11	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	53	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	11	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	53	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	53	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	53	UG/L	07/15/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		23
2-FLUOROBIPHENYL		49
2,4,6-TRIBROMOPHENOL		48
P-TERPHENYL-D14		57

Sample Number: 506640
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
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 Facility:
 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK09013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROPHENOL		27
NITROBENZENE-D5		59

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
polydimethylsiloxane (RT 26.25m		190	µg/L
polydimethylsiloxane (RT 23.15m		93	µg/L
polydimethylsiloxane (RT 31.18m		21	µg/L
(MJ) polydimethylsiloxane (RT 3		10	µg/L
2,2'-oxybis-1-propanol		17	µg/L
polydimethylsiloxane (RT 19.72m		14	µg/L
polydimethylsiloxane (RT 24.15m		140	µg/L
polydimethylsiloxane (RT 25.19m		180	µg/L
polydimethylsiloxane (RT 22.12m		57	µg/L
polydimethylsiloxane (RT 32.94m		17	µg/L
1,1'-oxybis-2-propanol		42	µg/L
2-(2-hydroxypropoxy)-1-propanol		24	µg/L
n-Hexadecanoic acid		11	µg/L
polydimethylsiloxane (RT 20.99m		35	µg/L
polydimethylsiloxane (RT 29.40m		33	µg/L
polydimethylsiloxane (RT 30.32m		24	µg/L
polydimethylsiloxane (RT 27.28m		38	µg/L
polydimethylsiloxane (RT 32.05m		20	µg/L
polydimethylsiloxane (RT 33.83m		15	µg/L
polydimethylsiloxane (RT 34.85m		13	µg/L

Summary

Labs performing analysis on this Sample:

GCMS

Sample Number: 506640
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1545
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 7B

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

Some "tentatively identified" compound names were truncated in the report table; their full names are:

polydimethylsiloxane (RT 19.72min)
polydimethylsiloxane (RT 20.99min)
polydimethylsiloxane (RT 22.12min)
polydimethylsiloxane (RT 23.15min)
polydimethylsiloxane (RT 24.15min)
polydimethylsiloxane (RT 25.19min)
polydimethylsiloxane (RT 26.25min)
polydimethylsiloxane (RT 27.28min)
polydimethylsiloxane (RT 29.40min)
polydimethylsiloxane (RT 30.32min)
polydimethylsiloxane (RT 31.18min)
polydimethylsiloxane (RT 32.05min)
polydimethylsiloxane (RT 32.94min)
polydimethylsiloxane (RT 33.83min)
polydimethylsiloxane (RT 34.85min)
(MJ) polydimethylsiloxane (RT 36.04min)

*

* ANALYST

Cassandra Kontas

Sample Number: 506640
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.06				
Acenaphthylene	<	11	UG/L	07/15/11	8270DM	
Acenaphthene	<	11	UG/L	07/15/11	8270DM	
Anthracene	<	11	UG/L	07/15/11	8270DM	
Benzo(b)fluoranthene	<	11	UG/L	07/15/11	8270DM	
Benzo(k)fluoranthene	<	11	UG/L	07/15/11	8270DM	
Benzo(a)pyrene	<	11	UG/L	07/15/11	8270DM	
Bis(2-chloroethyl)ether	<	11	UG/L	07/15/11	8270DM	
Bis(2-chloroethoxy)methane	<	11	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe	<	11	UG/L	07/15/11	8270DM	
Butylbenzylphthalate	<	11	UG/L	07/15/11	8270DM	
Chrysene	<	11	UG/L	07/15/11	8270DM	
Diethylphthalate	<	11	UG/L	07/15/11	8270DM	
Dimethylphthalate	<	11	UG/L	07/15/11	8270DM	
Fluoranthene	<	11	UG/L	07/15/11	8270DM	
Fluorene	<	11	UG/L	07/15/11	8270DM	
Hexachlorocyclopentadiene	<	11	UG/L	07/15/11	8270DM	
Hexachloroethane in water	<	11	UG/L	07/15/11	8270DM	
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Nitrosodipropylamine	<	11	UG/L	07/15/11	8270DM	
Nitrosodiphenylamine	<	11	UG/L	07/15/11	8270DM	
Nitrobenzene	<	11	UG/L	07/15/11	8270DM	
p-Chloro-m-cresol	<	11	UG/L	07/15/11	8270DM	
Phenanthrene	<	11	UG/L	07/15/11	8270DM	
Pyrene	<	11	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	11	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	11	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	11	UG/L	07/15/11	8270DM	
2-Chloronaphthalene	<	11	UG/L	07/15/11	8270DM	
2-Chlorophenol	<	11	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	11	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	11	UG/L	07/15/11	8270DM	

Sample Number: 506640
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
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 PWS Id:
 Location Code:
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 Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	11	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	11	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	11	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	53	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	11	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	11	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	21	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	11	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	11	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	53	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	53	UG/L	07/15/11	8270DM	
Phenol	<	11	UG/L	07/15/11	8270DM	
Naphthalene	<	11	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	53	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	11	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	11	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	11	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	11	UG/L	07/15/11	8270DM	
Dibenzofuran	<	11	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	11	UG/L	07/15/11	8270DM	
2-Methylphenol	<	11	UG/L	07/15/11	8270DM	
4-Methylphenol	<	11	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	53	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	11	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	53	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	53	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	53	UG/L	07/15/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		23
2-FLUOROBIPHENYL		49
2,4,6-TRIBROMOPHENOL		48
P-TERPHENYL-D14		57

Sample Number: 506640
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1545
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 9/28/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROPHENOL		27
NITROBENZENE-D5		59

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
2,2'-oxybis-1-propanol		17	µg/L
1,1'-oxybis-2-propanol		42	µg/L
2-(2-hydroxypropoxy)-1-propanol		24	µg/L
n-Hexadecanoic acid		11	µg/L

Summary

Labs performing analysis on this Sample:
GCMS

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 7B.

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentration. (MJ) The associated value is an estimated quantity at or below the Adjusted Lower Limit of Quantitation and reported at the request of the customer.

(CF) Corrected final report. Reanalysis showed that some previously reported tentatively identified compounds (TICs) were due to extraction laboratory contamination. Those TICs were removed from this customer report.

* ANALYST

Cassandra Kontas

Sample Number: 506641
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected:
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 FWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.00				
Acenaphthylene	<	10	UG/L	07/15/11	8270DM	
Acenaphthene	<	10	UG/L	07/15/11	8270DM	
Anthracene	<	10	UG/L	07/15/11	8270DM	
Benzo(b)fluoranthene	<	10	UG/L	07/15/11	8270DM	
Benzo(k)fluoranthene	<	10	UG/L	07/15/11	8270DM	
Benzo(a)pyrene	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroethoxy)methane	<	10	UG/L	07/15/11	8270DM	
Bis(2-chloroisopropyl)ethe:	<	10	UG/L	07/15/11	8270DM	
Butylbenzylphthalate	<	10	UG/L	07/15/11	8270DM	
Chrysene	<	10	UG/L	07/15/11	8270DM	
Diethylphthalate	<	10	UG/L	07/15/11	8270DM	
Dimethylphthalate	<	10	UG/L	07/15/11	8270DM	
Fluoranthene	<	10	UG/L	07/15/11	8270DM	
Fluorene	<	10	UG/L	07/15/11	8270DM	
Hexachlorocyclopentadiene	<	10	UG/L	07/15/11	8270DM	
Hexachloroethane in water	<	10	UG/L	07/15/11	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	07/15/11	8270DM	
Isophorone	<	10	UG/L	07/15/11	8270DM	
Nitrosodipropylamine	<	10	UG/L	07/15/11	8270DM	
Nitrosodiphenylamine	<	10	UG/L	07/15/11	8270DM	
Nitrobenzene	<	10	UG/L	07/15/11	8270DM	
p-Chloro-m-cresol	<	10	UG/L	07/15/11	8270DM	
Phenanthrene	<	10	UG/L	07/15/11	8270DM	
Pyrene	<	10	UG/L	07/15/11	8270DM	
Benzo(ghi)perylene	<	10	UG/L	07/15/11	8270DM	
Benzo(a)anthracene	<	10	UG/L	07/15/11	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	07/15/11	8270DM	
2-Chloronaphthalene	<	10	UG/L	07/15/11	8270DM	
2-Chlorophenol	<	10	UG/L	07/15/11	8270DM	
2-Nitrophenol	<	10	UG/L	07/15/11	8270DM	
Di-n-octylphthalate	<	10	UG/L	07/15/11	8270DM	

Sample Number: 506641
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected:
 Date Received: 7/15/2011
 Date Completed: 07/19/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/19/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	07/15/11	8270DM	
2,4-Dimethylphenol	<	10	UG/L	07/15/11	8270DM	
2,4-Dinitrotoluene	<	10	UG/L	07/15/11	8270DM	
2,4-Dinitrophenol	<	50	UG/L	07/15/11	8270DM	
2,4,6-Trichlorophenol	<	10	UG/L	07/15/11	8270DM	
2,6-Dinitrotoluene	<	10	UG/L	07/15/11	8270DM	
3,3'-Dichlorobenzidine	<	20	UG/L	07/15/11	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	07/15/11	8270DM	
4-Chlorophenyl phenylether	<	10	UG/L	07/15/11	8270DM	
4-Nitrophenol	<	50	UG/L	07/15/11	8270DM	
4,6-Dinitro-o-cresol	<	50	UG/L	07/15/11	8270DM	
Phenol	<	10	UG/L	07/15/11	8270DM	
Naphthalene	<	10	UG/L	07/15/11	8270DM	
Pentachlorophenol	<	50	UG/L	07/15/11	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	07/15/11	8270DM	
Di-n-butylphthalate	<	10	UG/L	07/15/11	8270DM	
Hexachlorobenzene	<	10	UG/L	07/15/11	8270DM	
Hexachlorobutadiene	<	10	UG/L	07/15/11	8270DM	
Dibenzofuran	<	10	UG/L	07/15/11	8270DM	
2-Methylnaphthalene	<	10	UG/L	07/15/11	8270DM	
2-Methylphenol	<	10	UG/L	07/15/11	8270DM	
4-Methylphenol	<	10	UG/L	07/15/11	8270DM	
2,4,5-Trichlorophenol	<	50	UG/L	07/15/11	8270DM	
4-Chloroaniline	<	10	UG/L	07/15/11	8270DM	
2-Nitroaniline	<	50	UG/L	07/15/11	8270DM	
3-Nitroaniline	<	50	UG/L	07/15/11	8270DM	
4-Nitroaniline	<	50	UG/L	07/15/11	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		18
2,4,6-TRIBROMOPHENOL		66
P-TERPHENYL-D14		71
2-FLUOROPHENOL		31

Sample Number: 506641
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected:
Date Received: 7/15/2011
Date Completed: 07/19/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/19/2011

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EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL		53
NITROBENZENE-D5		60

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NU

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER

SAMPLERS COMMENTS:

LAB BLANK

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

(NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis.

*

* ANALYST

Cassandra Kontas

Sample Number: 506642
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1430
 Date Received: 7/15/2011
 Date Completed: 07/20/2011
 Collected By: BM
 PWS Id:
 Location Code:
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 Facility:
 Report Date: 7/20/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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To: BRIAN MAGOTT/CSD
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 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
3-Hydroxy Carbofuran	<	5.0	UG/L	07/18/11	531.2	
Aldicarb Sulfoxide in Water	<	5.0	UG/L	07/18/11	531.2	
Dinoseb in Water	<	1.0	UG/L	07/18/11	515.4	
Delta BHC in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan Sulfate in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan II in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan I in Water	J <	0.05	UG/L	07/15/11	608	
Endrin Aldehyde in Water	J <	0.05	UG/L	07/15/11	608	
Dalapon in Water	<	6.5	UG/L	07/18/11	515.4	
Methiocarb, Total	<	5.0	UG/L	07/18/11	531.2	
Baygon (Propoxur), Total	<	5.0	UG/L	07/18/11	531.2	
Bentazon	<	1.0	UG/L	07/18/11	515.4	
2,4-DB	<	4.0	UG/L	07/18/11	515.4	
Oxamyl in Water (Vydate)	<	5.00	UG/L	07/18/11	531.2	
Methomyl in Water	<	5.0	UG/L	07/18/11	531.2	
Aldicarb in Water (Temik)	<	5.0	UG/L	07/18/11	531.2	
P,P' DDT in Water	J <	0.05	UG/L	07/15/11	608	
P,P' DDD in Water	J <	0.05	UG/L	07/15/11	608	
P,P' DDE in Water	J <	0.05	UG/L	07/15/11	608	
Aldrin in Water	J <	0.05	UG/L	07/15/11	608	
Alpha BHC in Water	J <	0.05	UG/L	07/15/11	608	
Beta BHC in Water	J <	0.05	UG/L	07/15/11	608	
Lindane in Water (Gamma BHC)	J <	0.05	UG/L	07/15/11	608	
Chlordane in Water	J <	0.25	UG/L	07/15/11	608	
Dieldrin in Water	J <	0.05	UG/L	07/15/11	608	
Endrin in Water	J <	0.05	UG/L	07/15/11	608	
ETHION IN WATER	<	1.00	UG/L	07/17/11	614	
Toxaphene in Water	J <	0.25	UG/L	07/15/11	608	
Heptachlor in Water	J <	0.05	UG/L	07/15/11	608	
Heptachlor Epoxide in Water	J <	0.05	UG/L	07/15/11	608	
Chloramben	<	0.5	UG/L	07/18/11	515.4	
Methoxychlor in Water	J <	0.05	UG/L	07/15/11	608	
MALATHION IN WATER	<	1.0	UG/L	07/17/11	614	

Sample Number: 506642
 Project Code: CMP-FK
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Report of Analysis by GC
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Demeton in Water	<	1.0	UG/L	07/17/11	614	
DIAZINON IN WATER	<	1.0	UG/L	07/17/11	614	
Guthion in Water	<	1.0	UG/L	07/17/11	614	
Methyl Parathion in Water	<	1.0	UG/L	07/17/11	614	
Picloram in Water	<	0.5	UG/L	07/18/11	515.4	
2,4-D in Water	<	1.0	UG/L	07/18/11	515.4	
2,4,5-T in Water	<	0.5	UG/L	07/18/11	515.4	
Silvex 2,4,5 TP in Water	<	0.5	UG/L	07/18/11	515.4	
Ethyl Parathion in Water	<	1.0	UG/L	07/17/11	614	
Carbaryl	<	5.0	UG/L	07/18/11	531.2	
3,5-Dichlorobenzoic Acid	<	0.5	UG/L	07/18/11	515.4	
ENDRIN KETONE IN WTR	J <	0.05	UG/L	07/15/11	608	
Acifluorfen in Water	<	0.5	UG/L	07/18/11	515.4	
Carbofuran in Water	<	5.0	UG/L	07/18/11	531.2	
Aldicarb Sulfone in Water	<	5.0	UG/L	07/18/11	531.2	
Dicamba in Water	<	0.5	UG/L	07/18/11	515.4	
2,4-DP (Dichloroprop in Wat	<	1.5	UG/L	07/18/11	515.4	
Pentachlorophenol	<	0.5	UG/L	07/18/11	515.4	
Disulfoton	<	1.0	UG/L	07/17/11	614	
DCPA	<	0.5	UG/L	07/18/11	515.4	
Chlordane, gamma	J <	0.05	UG/L	07/15/11	608	
Chlordane, Alpha	J <	0.05	UG/L	07/15/11	608	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
DCPAA (515.4)		86
DCB (608)		63
BDMC (531.2)		85
DMNB (614)		58

Summary

Labs performing analysis on this Sample:

GC

Sample Number: 506642
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 07/20/2011
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OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GC
EPA Drinking Water Certification #OKC0013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 5B

ANALYST'S COMMENTS:
Isaac B. Denman (614), Patricia Jones (608), Phuong Nguyen (531.2), Robert G. Ross (515.4),
(OT) Other *gm 7/21/2011*
(J) The associated value is an estimated quantity

* ANALYST *[Signature]*
Patricia Jones
Isaac Denman
Phuong Nguyen

Sample Number: 506643
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
 Date Received: 7/15/2011
 Date Completed: 07/20/2011
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 7/20/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GC
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
3-Hydroxy Carbofuran	<	5.0	UG/L	07/18/11	531.2	
Aldicarb Sulfoxide in Water	<	5.0	UG/L	07/18/11	531.2	
Dinoseb in Water	<	1.0	UG/L	07/18/11	515.4	
Delta BHC in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan Sulfate in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan II in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan I in Water	J <	0.05	UG/L	07/15/11	608	
Endrin Aldehyde in Water	J <	0.05	UG/L	07/15/11	608	
Dalapon in Water	<	6.5	UG/L	07/18/11	515.4	
Methiocarb, Total	<	5.0	UG/L	07/18/11	531.2	
Baygon (Propoxur), Total	<	5.0	UG/L	07/18/11	531.2	
Bentazon	<	1.0	UG/L	07/18/11	515.4	
2,4-DB	<	4.0	UG/L	07/18/11	515.4	
Oxamyl in Water (Vydate)	<	5.0	UG/L	07/18/11	531.2	
Methomyl in Water	<	5.0	UG/L	07/18/11	531.2	
Aldicarb in Water (Temik)	<	5.00	UG/L	07/18/11	531.2	
P,P' DDT in Water	J <	0.05	UG/L	07/15/11	608	
P,P' DDD in Water	J <	0.05	UG/L	07/15/11	608	
P,P' DDE in Water	J <	0.05	UG/L	07/15/11	608	
Aldrin in Water	J <	0.05	UG/L	07/15/11	608	
Alpha BHC in Water	J <	0.05	UG/L	07/15/11	608	
Beta BHC in Water	J <	0.05	UG/L	07/15/11	608	
Lindane in Water (Gamma BHC)	J <	0.05	UG/L	07/15/11	608	
Chlordane in Water	J <	0.25	UG/L	07/15/11	608	
Dieldrin in Water	J <	0.05	UG/L	07/15/11	608	
Endrin in Water	J <	0.05	UG/L	07/15/11	608	
ETHION IN WATER	<	1.00	UG/L	07/18/11	614	
Toxaphene in Water	J <	0.25	UG/L	07/15/11	608	
Heptachlor in Water	J <	0.05	UG/L	07/15/11	608	
Heptachlor Epoxide in Water	J <	0.05	UG/L	07/15/11	608	
Chloramben	<	0.5	UG/L	07/18/11	515.4	
Methoxychlor in Water	J <	0.05	UG/L	07/15/11	608	
MALATHION IN WATER	<	1.00	UG/L	07/17/11	614	

Sample Number: 506643
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1506
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To: BRIAN MAGOTT/CSD
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 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Demeton in Water	<	1.0	UG/L	07/17/11	614	
DIAZINON IN WATER	<	1.0	UG/L	07/17/11	614	
Guthion in Water	<	1.0	UG/L	07/17/11	614	
Methyl Parathion in Water	<	1.0	UG/L	07/17/11	614	
Picloram in Water	<	0.5	UG/L	07/18/11	515.4	
2,4-D in Water	<	1.0	UG/L	07/18/11	515.4	
2,4,5-T in Water	<	0.5	UG/L	07/18/11	515.4	
Silvex 2,4,5 TP in Water	<	0.5	UG/L	07/18/11	515.4	
Ethyl Parathion in Water	<	1.0	UG/L	07/17/11	614	
Carbaryl	<	5.0	UG/L	07/18/11	531.2	
3,5-Dichlorobenzoic Acid	<	0.5	UG/L	07/18/11	515.4	
ENDRIN KETONE IN WTR	J <	0.05	UG/L	07/15/11	608	
Acifluorfen in Water	<	0.5	UG/L	07/18/11	515.4	
Carbofuran in Water	<	5.0	UG/L	07/18/11	531.2	
Aldicarb Sulfone in Water	<	5.0	UG/L	07/18/11	531.2	
Dicamba in Water	<	0.5	UG/L	07/18/11	515.4	
2,4-DP (Dichloroprop in Wat	<	1.5	UG/L	07/18/11	515.4	
Pentachlorophenol	<	0.5	UG/L	07/18/11	515.4	
Disulfoton	<	1.0	UG/L	07/17/11	614	
DCPA	<	0.5	UG/L	07/18/11	515.4	
Chlordane, gamma	J <	0.05	UG/L	07/15/11	608	
Chlordane, Alpha	J <	0.05	UG/L	07/15/11	608	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
DCB (608)		64
DCPAA (515.4)		102
BDMC (531.2)		79
DMNB (614)		69

Summary

Labs performing analysis on this Sample:

GC

Sample Number: 506643
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 07/20/2011
Collected By: BM
PWS Id:
Location Code:
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EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 6B

ANALYST'S COMMENTS:

Isaac B. Denman (614), Patricia Jones (608), Phuong Nguyen (531.2), Robert G. Ross (515.4),
(OT) Other *980 7/21/2011*
(J) The associated value is an estimated quantity

*

* ANALYST

Robert G. Ross
Patricia Jones
Isaac Denman
Phuong Nguyen

Sample Number: 506644
 Project Code: CMP-FK
 Agency Number:
 Date Collected: 7/13/2011
 Time Collected: 1545
 Date Received: 7/15/2011
 Date Completed: 07/20/2011
 Collected By: BM
 PWS Id:
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 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDO HWY
 CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
3-Hydroxy Carbofuran	<	5.0	UG/L	07/18/11	531.2	
Aldicarb Sulfoxide in Water	<	5.0	UG/L	07/18/11	531.2	
Dinoseb in Water	<	1.0	UG/L	07/18/11	515.4	
Delta BHC in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan Sulfate in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan II in Water	J <	0.05	UG/L	07/15/11	608	
Endosulfan I in Water	J <	0.05	UG/L	07/15/11	608	
Endrin Aldehyde in Water	J <	0.05	UG/L	07/15/11	608	
Dalapon in Water	<	6.5	UG/L	07/18/11	515.4	
Methiocarb, Total	<	5.0	UG/L	07/18/11	531.2	
Baygon (Propoxur), Total	<	5.0	UG/L	07/18/11	531.2	
Bentazon	<	1.0	UG/L	07/18/11	515.4	
2,4-DB	<	4.0	UG/L	07/18/11	515.4	
Oxamyl in Water (Vydate)	<	5.0	UG/L	07/18/11	531.2	
Methomyl in Water	<	5.0	UG/L	07/18/11	531.2	
Aldicarb in Water (Temik)	<	5.0	UG/L	07/18/11	531.2	
P,P' DDT in Water	J <	0.05	UG/L	07/15/11	608	
P,P' DDD in Water	J <	0.05	UG/L	07/15/11	608	
P,P' DDE in Water	J <	0.05	UG/L	07/15/11	608	
Aldrin in Water	J <	0.05	UG/L	07/15/11	608	
Alpha BHC in Water	J <	0.05	UG/L	07/15/11	608	
Beta BHC in Water	J <	0.05	UG/L	07/15/11	608	
Lindane in Water (Gamma BHC)	J <	0.05	UG/L	07/15/11	608	
Chlordane in Water	J <	0.25	UG/L	07/15/11	608	
Dieldrin in Water	J <	0.05	UG/L	07/15/11	608	
Endrin in Water	J <	0.05	UG/L	07/15/11	608	
ETHION IN WATER	<	1.00	UG/L	07/18/11	614	
Toxaphene in Water	J <	0.25	UG/L	07/15/11	608	
Heptachlor in Water	J <	0.05	UG/L	07/15/11	608	
Heptachlor Epoxide in Water	J <	0.05	UG/L	07/15/11	608	
Chloramben	<	0.5	UG/L	07/18/11	515.4	
Methoxychlor in Water	J <	0.05	UG/L	07/18/11	608	
MALATHION IN WATER	<	1.00	UG/L	07/17/11	614	

Sample Number: 506644
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OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GC
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
 DEBBIE NICHOLS/ECLS
 BUCK WRAY/ODWC

CC: MATT MAUCK
 2021 CADDOW HWY
 CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Demeton in Water	<	1.0	UG/L	07/17/11	614	
DIAZINON IN WATER	<	1.0	UG/L	07/17/11	614	
Guthion in Water	<	1.0	UG/L	07/17/11	614	
Methyl Parathion in Water	<	1.0	UG/L	07/17/11	614	
Picloram in Water	<	0.5	UG/L	07/18/11	515.4	
2,4-D in Water	<	1.0	UG/L	07/18/11	515.4	
2,4,5-T in Water	<	0.5	UG/L	07/18/11	515.4	
Silvex 2,4,5 TP in Water	<	0.5	UG/L	07/18/11	515.4	
Ethyl Parathion in Water	<	1.00	UG/L	07/17/11	614	
Carbaryl	<	5.0	UG/L	07/18/11	531.2	
3,5-Dichlorobenzoic Acid	<	0.5	UG/L	07/18/11	515.4	
ENDRIN KETONE IN WTR	J <	0.05	UG/L	07/15/11	608	
Acifluorfen in Water	<	0.5	UG/L	07/18/11	515.4	
Carbofuran in Water	<	5.0	UG/L	07/18/11	531.2	
Aldicarb Sulfone in Water	<	5.0	UG/L	07/18/11	531.2	
Dicamba in Water	<	0.5	UG/L	07/18/11	515.4	
2,4-DP (Dichloroprop in Wat	<	1.5	UG/L	07/18/11	515.4	
Pentachlorophenol	<	0.5	UG/L	07/18/11	515.4	
Disulfoton	<	1.0	UG/L	07/17/11	614	
DCPA	<	0.5	UG/L	07/18/11	515.4	
Chlordane, gamma	J <	0.05	UG/L	07/15/11	608	
Chlordane, Alpha	J <	0.05	UG/L	07/15/11	608	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
DCB (608)		35
DCPAA (515.4)		102
DMNB (614)		33
BDMC (531.2)		80

Summary

Labs performing analysis on this Sample:
 GC

Sample Number: 506644
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1545
Date Received: 7/15/2011
Date Completed: 07/20/2011
Collected By: BM
FWS Id:
Location Code:
Station:
Facility:
Report Date: 7/20/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GC
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

SOURCE: RED RIVER

SAMPLERS COMMENTS:
DEQ SITE # 7B

ANALYST'S COMMENTS:

Isaac B. Denman (614), Patricia Jones (608), Phuong Nguyen (531.2), Robert G. Ross (515.4),

~~(OT) Other~~ *gr 7/21/2011*

(J) The associated value is an estimated quantity

*

* ANALYST

Robert G. Ross
Isaac B. Denman
Phuong Nguyen

Sample Number: 506645
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 07/25/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/25/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY

707 N. ROBINSON

OKLAHOMA CITY

OKLAHOMA, 73102-6010

General Inquiries: 1-800-869-1400

Sample Receiving: (405) 702-1113

Report of Analysis by General Chem.

EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Specific Conductance		7430	uMHO/CM	07/22/11	2510B	
pH, Liquid		7.51	STD UNIT	07/22/11	150.1	
Alkalinity, Total		66.0	MG/L	07/19/11	310.2	
Nitrogen, Ammonia	<	0.10	MG/L	07/15/11	350.1	
Nitrogen, Kjeldahl		1.51	MG/L	07/22/11	351.2	
Nitrite-Nitrate as N	<	0.05	MG/L	07/15/11	353.2	
Phosphorus, Total		0.168	MG/L	07/19/11	365.3	
Microcystins, Total		0.17	ug/L	07/18/11	ELISA	
Chloride		2000	MG/L	07/15/11	325.2	
Sulfate		1110	MG/L	07/15/11	375.4	
Residual Chlorine, Total		0.26	MG/L	07/15/11	4500ClG	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 5B

ANALYST'S COMMENTS:

* ANALYST

Susan Mensik

Susan Mensik

State Environmental Laboratory

Sample Number: 506645
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/9/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Total		1120	MG/L	07/28/11	200.7	
Arsenic, Total	<	10.0	UG/L	07/29/11	200.7	
Barium, Total		182	UG/L	07/29/11	200.7	
Beryllium, Total	<	2.00	UG/L	07/29/11	200.7	
Cadmium, Total	<	5.00	UG/L	07/29/11	200.7	
Chromium, Total	<	5.00	UG/L	07/29/11	200.7	
Copper, Total	<	5.00	UG/L	07/29/11	200.7	
Lead, Total	<	10.0	UG/L	07/29/11	200.7	
Thallium, Total	<	10.0	UG/L	07/29/11	200.7	
Nickel, Total	<	10.0	UG/L	07/29/11	200.7	
Silver, Total	<	5.00	UG/L	07/29/11	200.7	
Zinc, Total	<	5.00	UG/L	07/29/11	200.7	
Antimony, Total	<	10.0	UG/L	07/29/11	200.7	
Selenium, Total	<	10.0	UG/L	07/29/11	200.7	
Uranium, Total		6.90	UG/L	07/29/11	200.8	
Mercury, Total	<	0.05	UG/L	07/19/11	7470	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

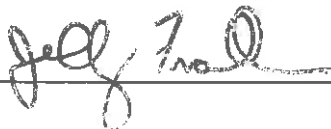
DEQ SITE # 5B

ANALYST'S COMMENTS:

Sr measured 4400 ppb

*

* ANALYST



Sample Number: 506645
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 9/22/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Total		1120	MG/L	07/28/11	200.7	
Arsenic, Total	<	10.0	UG/L	07/29/11	200.7	
Barium, Total		182	UG/L	07/29/11	200.7	
Beryllium, Total	<	2.00	UG/L	07/29/11	200.7	
Cadmium, Total	<	5.00	UG/L	07/29/11	200.7	
Chromium, Total	<	5.00	UG/L	07/29/11	200.7	
Copper, Total	<	5.00	UG/L	07/29/11	200.7	
Lead, Total	<	10.0	UG/L	07/29/11	200.7	
Thallium, Total	<	10.0	UG/L	07/29/11	200.7	
Nickel, Total	<	10.0	UG/L	07/29/11	200.7	
Silver, Total	<	5.00	UG/L	07/29/11	200.7	
Strontium, Total		4400	UG/L	07/29/11	200.7	
Zinc, Total	<	5.00	UG/L	07/29/11	200.7	
Antimony, Total	<	10.0	UG/L	07/29/11	200.7	
Selenium, Total	<	10.0	UG/L	07/29/11	200.7	
Uranium, Total		6.90	UG/L	07/29/11	200.8	
Mercury, Total	<	0.05	UG/L	07/19/11	7470	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 5B

ANALYST'S COMMENTS:

(CF) Corrected final report.



* ANALYST _____

Sample Number: 506645
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1430
Date Received: 7/15/2011
Date Completed: 10/10/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 10/10/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Radio Chemistry
EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
GROSS BETA		24.52	pCi/L	07/28/11	7110B	
GROSS BETA COUNTING ERROR		5.884	pCi/L	07/28/11	7110B	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 5B

ANALYST'S COMMENTS:

* ANALYST

Greg Goode

Greg Goode
State Environmental Laboratory

Sample Number: 506646
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 9/22/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Total		1150	MG/L	07/28/11	200.7	
Arsenic, Total	<	10.0	UG/L	07/29/11	200.7	
Barium, Total		184	UG/L	07/29/11	200.7	
Beryllium, Total	<	2.00	UG/L	07/29/11	200.7	
Cadmium, Total	<	5.00	UG/L	07/29/11	200.7	
Chromium, Total	<	5.00	UG/L	07/29/11	200.7	
Copper, Total	<	5.00	UG/L	07/29/11	200.7	
Lead, Total	<	10.0	UG/L	07/29/11	200.7	
Thallium, Total	<	10.0	UG/L	07/29/11	200.7	
Nickel, Total	<	10.0	UG/L	07/29/11	200.7	
Silver, Total	<	5.00	UG/L	07/29/11	200.7	
Strontium, Total		4490	UG/L	07/29/11	200.7	
Zinc, Total	<	5.00	UG/L	07/29/11	200.7	
Antimony, Total	<	10.0	UG/L	07/29/11	200.7	
Selenium, Total	<	10.0	UG/L	07/29/11	200.7	
Uranium, Total		6.30	UG/L	07/29/11	200.8	
Mercury, Total	<	0.05	UG/L	07/19/11	7470	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

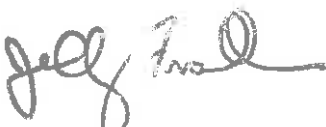
SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 6B

ANALYST'S COMMENTS:

(CF) Corrected final report.



* ANALYST

Sample Number: 506646
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 10/10/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 10/10/2011

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY**

707 N. ROBINSON

OKLAHOMA CITY

OKLAHOMA, 73102-6010

General Inquiries: 1-800-869-1400

Sample Receiving: (405) 702-1113

Report of Analysis by Radio Chemistry

EPA Drinking Water Certification #OK00013

To: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

CC: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
GROSS BETA		27.40	pCi/L	07/28/11	7110B	
GROSS BETA COUNTING ERROR		5.697	pCi/L	07/28/11	7110B	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 6B

ANALYST'S COMMENTS:

*

* ANALYST

Greg Goode

Greg Goode
State Environmental Laboratory

Sample Number: 506646
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 07/25/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/25/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by General Chem.
EPA Drinking Water Certification #OK00013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDO HWY
CADDO, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Specific Conductance		7660	uMHO/CM	07/22/11	2510B	
pH, Liquid		7.99	STD UNIT	07/22/11	150.1	
Alkalinity, Total		62.7	MG/L	07/19/11	310.2	
Nitrogen, Ammonia	<	0.10	MG/L	07/15/11	350.1	
Nitrogen, Kjeldahl		1.53	MG/L	07/22/11	351.2	
Nitrite-Nitrate as N	<	0.05	MG/L	07/15/11	353.2	
Phosphorus, Total		0.138	MG/L	07/19/11	365.3	
Microcystins, Total		0.20	ug/L	07/18/11	ELISA	
Chloride		2060	MG/L	07/15/11	325.2	
Sulfate		1130	MG/L	07/15/11	375.4	
Residual Chlorine, Total		0.15	MG/L	07/15/11	4500CLG	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 6B

ANALYST'S COMMENTS:

Susan Mensik

* ANALYST

State Environmental Laboratory

Sample Number: 506646
Project Code: CMP-FK
Agency Number:
Date Collected: 7/13/2011
Time Collected: 1506
Date Received: 7/15/2011
Date Completed: 08/09/2011
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 8/9/2011

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by Metals
EPA Drinking Water Certification #OKS0013

To: BRIAN MAGOTT/CSD
DEBBIE NICHOLS/ECLS
BUCK WRAY/ODWC

CC: MATT MAUCK
2021 CADDOW HWY
CADDOW, OK 74729

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Sodium, Total		1150	MG/L	07/28/11	200.7	
Arsenic, Total	<	10.0	UG/L	07/29/11	200.7	
Barium, Total		184	UG/L	07/29/11	200.7	
Beryllium, Total	<	2.00	UG/L	07/29/11	200.7	
Cadmium, Total	<	5.00	UG/L	07/29/11	200.7	
Chromium, Total	<	5.00	UG/L	07/29/11	200.7	
Copper, Total	<	5.00	UG/L	07/29/11	200.7	
Lead, Total	<	10.0	UG/L	07/29/11	200.7	
Thallium, Total	<	10.0	UG/L	07/29/11	200.7	
Nickel, Total	<	10.0	UG/L	07/29/11	200.7	
Silver, Total	<	5.00	UG/L	07/29/11	200.7	
Zinc, Total	<	5.00	UG/L	07/29/11	200.7	
Antimony, Total	<	10.0	UG/L	07/29/11	200.7	
Selenium, Total	<	10.0	UG/L	07/29/11	200.7	
Uranium, Total		6.30	UG/L	07/29/11	200.8	
Mercury, Total	<	0.05	UG/L	07/19/11	7470	

Summary

Labs performing analysis on this Sample:

Rad. Chem. Metals Gen. Chem.

SOURCE: RED RIVER

SAMPLERS COMMENTS:

DEQ SITE # 6B

ANALYST'S COMMENTS:

Sr measured 4490 ppb

* ANALYST 